Baseline Water Quality Data

Inventory and Analysis

Amistad 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

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

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located no industrial/municipal dischargers; no drinking water intakes; 21 active or inactive U. S. Geological Survey (USGS) or U.S. International Boundary Water Commission water gages (including stream, lake, and climate); and one water impoundment. The results of the STORET retrieval for the study area yielded 72,973 observations for 544 separate parameters collected by the EPA, USGS, and Texas Water Commission at 84 monitoring stations. Of the 84 monitoring stations, nine were established by the EPA but contained no data (AMIS 0001, AMIS 0003, AMIS 0006, AMIS 0010, AMIS 0020, AMIS 0036, AMIS 0072, AMIS 0076, AMIS 0080); one contained no data appropriate for statistical analysis (AMIS 0078); and 12 were used only for monitoring bottom deposits (AMIS 0009, AMIS 0015, AMIS 0018, AMIS 0029, AMIS 0031, AMIS 0039, AMIS 0051, AMIS 0053, AMIS 0054, AMIS 0055, AMIS 0056, AMIS 0060). Most of the sampling stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Of the 84 stations, 36 were located within the park boundary. Thirty stations within the study area yielded longer-term records consisting of multiple observations for several important water quality parameters. Nine stations yielding longer-term records within the park boundary are: (1) Amistad Reservoir At National Park Buoy Drn (AMIS 0017); (2) Amistad Reservoir Park Bouy Drc 5Mi No Of Dam (AMIS 0030); (3) Amistad Reservoir At National Park Buoy Drc@ 5 M (AMIS 0032); (4) Weir #1 Sta 131+00 Blw Amistad Dam (AMIS 0038); (5) Amistad Reservoir Above Dam NW Of Del Rio (AMIS 0042); (6) Amistad Reservoir Above Dam Northwest Of Del Rio (AMIS 0043); (7) Amistad Reservoir At International Boundary Buoy (AMIS 0046); (8) Amistad Res At Buoy #1 (AMIS 0047); and (9) Amistad Reservoir At International Boundary Buoy (AMIS 0059)[†]. Twenty-one stations yielding longer-term records within the study area, but outside of the park boundary are: (1) San Felipe Creek At Bridge On US 277 At Del Rio (AMIS 0002); (2) San Felipe Creek At Guyler Confluence With The R (AMIS 0008); (3) Rio Grande 12.8 Miles Below Amistad Dam@ Near N (AMIS 0011); (4) Rio Grande 12.8 Mi Below Amistad Dam (AMIS 0012); (5) YR-70-33-801 Cantu Springs (AMIS 0014); (6) Devils River At Pafford Crossing Near Comstock (AMIS 0019); (7) Devils R At Pafford Crossing NR Comstock TX (AMIS 0021); (8) Devils River At Pafford Crossing Near Comstock (AMIS 0023); (9) YR-71-40-903 (McKee Springs) (AMIS 0028); (10) Rio Grande Below Amistad Dam Northwest of Del Ri (AMIS 0033); (11) Rio Grande Below Amistad Dam Nr Del Rio, Tx (AMIS 0034); (12) US No. 3 Spring (AMIS 0035); (13) Amistad Reservoir Bound Bouy 1 Adj To Dam (AMIS 0048); (14) Amistad Reservoir Bouy V 5Mi SW Of Dam (AMIS 0049); (15) Amistad Reservoir At International Boundary Buoy (AMIS 0050); (16) Pecos River Near Langtry (AMIS 0074); (17) Pecos River Near Langtry, Tx (AMIS 0075); (18) Pecos River Near

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

Shumla (AMIS 0077); (19) Rio Grande Foster Ranch Above Langtry (AMIS 0079); (20) Rio Grande At Foster Ranch (AMIS 0083); and (21) Rio Grande At Foster Ranch Nr Langtry, Tx (AMIS 0084)[††].

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the AMIS water quality criteria screen found 17 parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chloride, cadmium, copper, lead, mercury, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Nitrate, chloride, sulfate, barium, beryllium, cadmium, chromium, lead, mercury, and nickel exceeded their respective EPA drinking water criteria. Bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

Dissolved oxygen concentrations were measured 3,125 times at 40 monitoring stations from 1968 through 1993. One-hundred-twenty-nine observations at 19 stations throughout the study area were below the 4 milligram per liter (mg/L) EPA criterion for protection of aquatic life. Almost 94 percent of the observations exceeding the criterion were recorded in Amistad Reservoir (AMIS 0016, AMIS 0017, AMIS 0030, AMIS 0032, AMIS 0044, AMIS 0046, AMIS 0048, AMIS 0049, AMIS 0050, AMIS 0052, AMIS 0057, AMIS 0059, AMIS 0066).

The pH was measured 4,526 times at 52 monitoring stations throughout the study area from 1964 through 1993. Of the 4,312 observations used in the criteria analysis (see Composite Code Screen in the Methodology for explanation), 15 observations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life) in the Rio Grande (AMIS 0011, AMIS 0033, AMIS 0034), Amistad Reservoir (AMIS 0046), and Pecos River (AMIS 0074). Nine observations were greater than or equal to pH 9.0, and six observations were less than or equal to pH 6.5. The highest reported pH was 10.5 SU in Amistad Reservoir (AMIS 0046) in January 1990. The lowest pH of 3.4 SU occurred in Amistad Reservoir (AMIS 0046) in July 1992.

Turbidity was measured 1,293 times at 26 monitoring stations from 1968 through 1993. Of the 1,292 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 217 observations at 13 monitoring stations exceeded the WRD screening criterion of 50 turbidity units (JTU/FTU). About 93 percent of the observations exceeding the criteria were recorded in the Rio Grande at Foster Ranch (AMIS 0079, AMIS 0083, AMIS 0084). The highest reported value was 8,500 NTU in the Rio Grande at Foster Ranch (AMIS 0084) in September 1981.

Total coliform concentrations were determined 129 times at 16 monitoring stations from 1972 through 1978. Twenty-six observations in Amistad Reservoir (AMIS 0042, AMIS 0043), the Rio Grande (AMIS 0079, AMIS 0083, AMIS 0084), Devils River (AMIS 0021), and Pecos River (AMIS 0075) exceeded the 1,000 Colony Forming Units/Most Probable Number per 100 milliliter (CFU/MPN/100 ml) bathing water criterion. About 62 percent of the observations exceeding the criterion were recorded in the Rio Grande at Foster Ranch (AMIS 0084). The highest reported total coliform concentration of 12,000 CFU/100 ml also occurred in the Rio Grande at Foster Ranch (AMIS 0084) in July and August 1978. Fecal coliform concentrations were determined 1,330 times at 26 stations from 1974 through 1993. One-hundred-eighty-two observations at 11 monitoring stations (AMIS 0005, AMIS 0008, AMIS 0011, AMIS 0021, AMIS 0023, AMIS 0046, AMIS 0074, AMIS 0075, AMIS 0079, AMIS 0083, AMIS 0084) exceeded the 200 CFU/100 ml bathing water criterion. The highest reported fecal coliform concentration was 34,200 CFU/100 ml in San Felipe Creek (AMIS 0008) in November 1977.

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

Chloride concentrations (including dissolved and total) were measured 2,522 times at 44 monitoring stations from 1964 through 1993. Of the 2,308 observations used in the criteria analysis (see Composite Code Screen in the Methodology for explanation), 527 observations in Amistad Reservoir (AMIS 0046, AMIS 0059, AMIS 0061, AMIS 0067, AMIS 0068, AMIS 0069), the Rio Grande (AMIS 0011, AMIS 0083, AMIS 0084), and Pecos River (AMIS 0074, AMIS 0075, AMIS 0077) exceeded the acute freshwater criterion of 860 mg/L and/or the secondary drinking water criterion of 250 mg/L. About 89 percent of the observations exceeding the criteria were recorded in the Pecos River near Langtry, Texas (AMIS 0074, AMIS 0075). The highest reported concentration was 5,490 mg/L in the Pecos River near Langtry, Texas (AMIS 0074) in April 1970.

Nitrate concentrations (including dissolved and total as N, and dissolved as NO_3) were measured 1,145 times at 43 monitoring stations from 1964 through 1993. Of the 1,051 observations used in the criteria analysis (see Composite Code Screen in the Methodology for explanation), four total concentrations, ranging from 117 mg/L to 219 mg/L, in Devils River at Pafford Crossing near Comstock, Texas (AMIS 0019, AMIS 0023) exceeded the drinking water criterion of 10 mg/L.

Total sulfate concentrations were measured 2,219 times at 44 monitoring stations from 1964 through 1993. Of the 2,005 observations used in the criteria analysis (see Composite Code Screen in the Methodology for explanation), 814 concentrations at 22 monitoring stations exceeded the secondary drinking water criterion of 250 mg/L. The highest reported concentration was 2,800 mg/L in the Pecos River near Langtry (AMIS 0074) in April 1970.

Barium concentrations (including dissolved, suspended, and total) were measured 402 times at nine monitoring stations from 1973 through 1993. Four concentrations, ranging from 2,200 micrograms per liter (µg/L) to 2,800 µg/L, in the Rio Grande at Foster Ranch (AMIS 0083, AMIS 0084) exceeded the drinking water criterion of 2,000 µg/L in 1977 and 1981.

Dissolved beryllium concentrations were measured 208 times at six monitoring stations from 1982 through 1991. Of the 144 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), two concentrations of 10 µg/L in the Pecos River near Langtry (AMIS 0074, AMIS 0075) exceeded the drinking water criterion of 4.0 µg/L in January 1990.

Cadmium concentrations (including dissolved, suspended, and total) were measured 382 times at 14 monitoring stations from 1973 through 1993. Of the 365 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 11 observations in the Devils River at Pafford Crossing near Comstock, Texas (AMIS 0021, AMIS 0023), Pecos River near Langtry (AMIS 0074, AMIS 0075), and Rio Grande at Foster Ranch (AMIS 0081, AMIS 0084) exceeded the drinking water criterion of 5.0 µg/L and/or the acute freshwater criterion of 3.9 µg/L.

Chromium concentrations (including dissolved, suspended, and total) were measured 390 times at 11 monitoring stations from 1973 through 1993. Five concentrations, ranging from 110 µg/L to 140 µg/L, in the Rio Grande at Foster Ranch (AMIS 0083, AMIS 0084) exceeded the drinking water criterion of 100 µg/L in 1978 and 1981.

Copper concentrations (including dissolved, suspended, and total) were measured 394 times at 12 monitoring stations from 1973 through 1993. Of the 392 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 14 concentrations in the Rio Grande at Foster Ranch (AMIS 0081, AMIS 0083, AMIS 0084) exceeded the acute freshwater criterion of 18 µg/L. The highest reported concentration was 130 µg/L in the Rio Grande at Foster Ranch (AMIS 0083, AMIS 0084) in July 1981.

Lead concentrations (including dissolved, suspended, and total) were measured 392 times at 13 monitoring stations from 1973 through 1993. Of the 384 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 22 concentrations in the Rio Grande at Foster Ranch (AMIS 0083, AMIS 0084) exceeded the acute freshwater criterion of 82 µg/L and/or the drinking water action level of 15 µg/L. The highest reported concentration was 210 µg/L in the Rio Grande at Foster Ranch (AMIS 0084) in August 1978.

Mercury concentrations (including dissolved, suspended, and total) were measured 391 times at 15 monitoring stations from 1973 through 1993. Of the 389 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), one total concentration of 50 µg/L in the Rio Grande at Foster Ranch (AMIS 0081) exceeded the drinking water criterion of 2 µg/L and the acute freshwater criterion of 2.4 µg/L in April 1973.

Nickel concentrations (including dissolved, suspended, and total) were measured 345 times at 11 monitoring stations from 1973 through 1993. Three concentrations of 180 µg/L in the Rio Grande at Foster Ranch (AMIS 0083, AMIS 0084) exceeded the drinking water criterion of 100 µg/L in October 1981.

Zinc concentrations (including dissolved, suspended, and total) were measured 397 times at 12 monitoring stations from 1973 through 1993. Twenty-five observations in the Devils River at Pafford Crossing near Comstock, Texas (AMIS 0021, AMIS 0023), Pecos River near Langtry (AMIS 0075), and Rio Grande at Foster Ranch (AMIS 0083, AMIS 0084) exceeded the acute freshwater criterion of 120 µg/L. The highest reported concentration was 720 µg/L in the Rio Grande at Foster Ranch (AMIS 0083, AMIS 0084) in October 1981.

The IDEA conducted for AMIS indicates that STORET data exist for all Level I parameter groups in the study area. Sufficient quantities of timely data were retrieved for most of the required chemical parameters. Results for 26 of the 127 EPA priority toxic pollutants (consisting of inorganics, organics, pesticides, and PCBs) were retrieved from STORET.

Surface water resources in the AMIS study area include the Rio Grande; Pecos River; Devils River; Amistad Reservoir; and several creeks and springs. The data inventories and analyses contained in this report indicate that surface waters within the study area have been impacted by human activities. Potential sources of contaminants include recreational activities, residential development, agriculture, and livestock grazing.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

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

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

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

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

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

Randy Siddens uploaded water quality data to STORET prior to report preparation.

Jacquie Nolan designed the cover.

Horizon Systems:

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

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

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

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

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

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

Other National Park Service:

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.

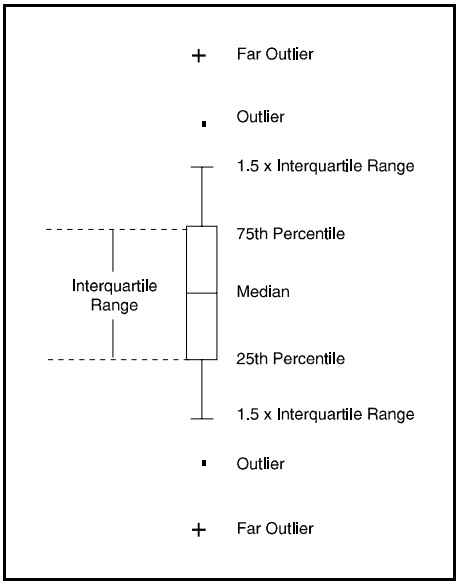
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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 AMIS[1]

Study Area Boundary Description

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

	Study Area	Park
GIS Estimated Acreage:	587802	57664
# STORET Stations:	84	36
# Stations With No Data:	9	0
# Stations With No Stat. Analysis:	1	0
# Longer Term Stations:	30	9
Date of STORET Retrieval:	08/06/95	08/06/95
Period of Record:	10/01/64-07/08/93	01/11/67-07/08/93
# Parameters Measured:	544	313
# Water Quality Observations:	72973	12912
# Industrial/Municipal Facilities:	0	0
# Drinking Water Intakes:	0	0
# Water Gages:	21	7
# Water Impoundments:	1	0
# Total Plots:	118	18
# Time Series:	38	12
# Annual:	47	6
# Seasonal:	33	0

Hydrologic Definition of Seasons:

1. June 10 - October 31
2. November 1 - June 9

Time Series Plot Criteria:

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

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 10 years.

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

Seasonal Analysis Criteria:

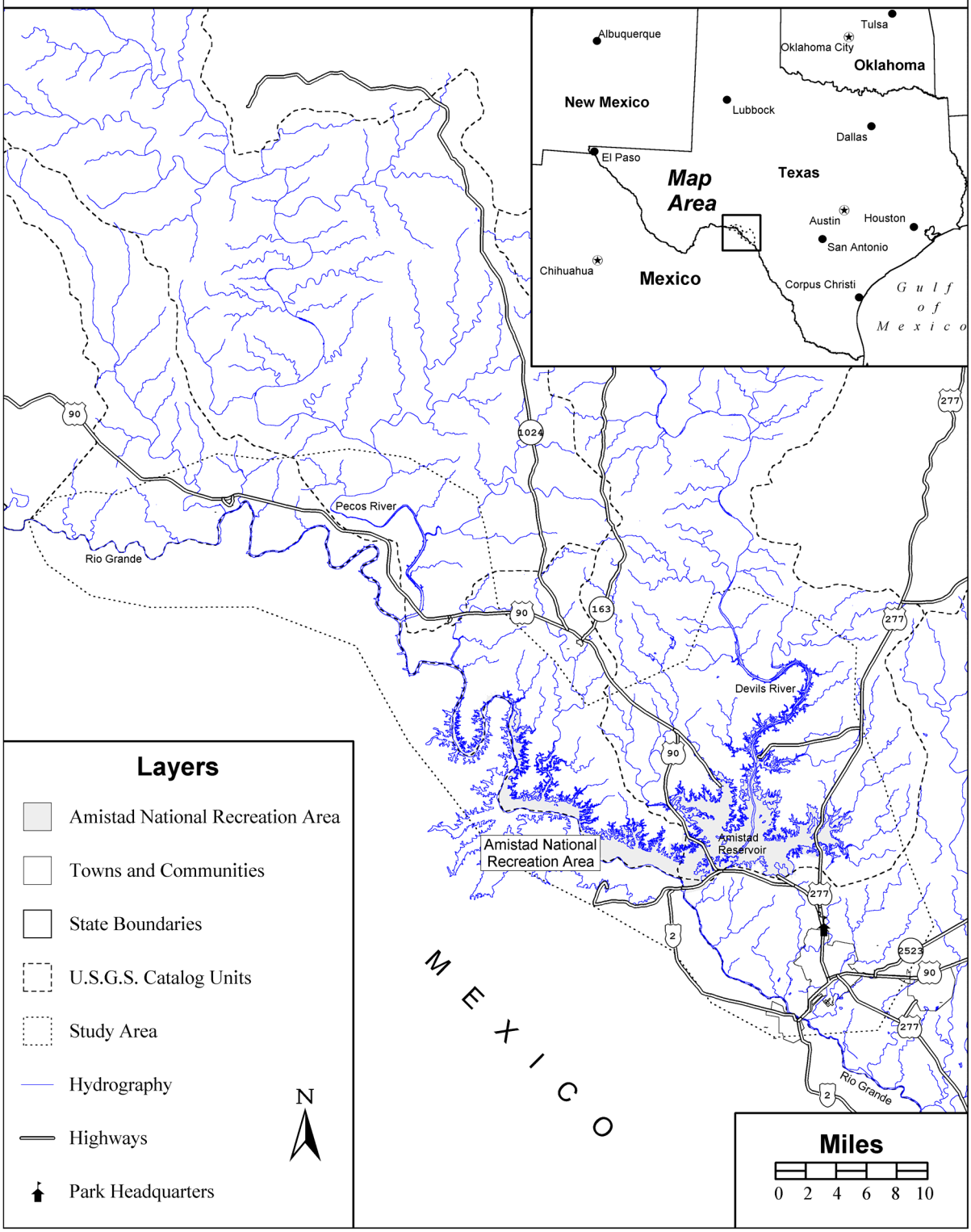
To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 22 years and observations in at least 4 of the 22 years.

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

[1]To prepare a Microsoft Word version of this report, data were reprocessed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Amistad National Recreation Area

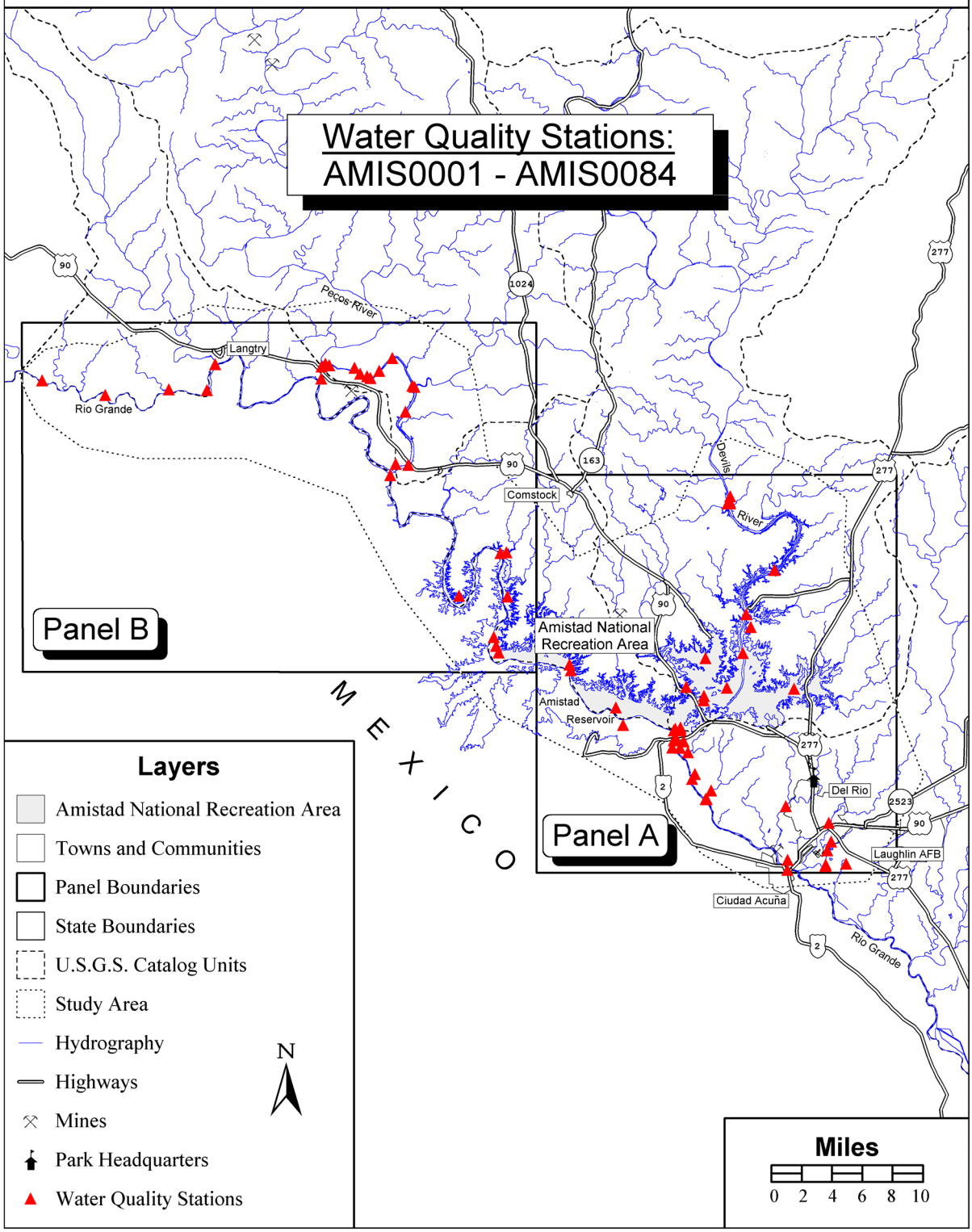
Regional Location Map



Amistad National Recreation Area

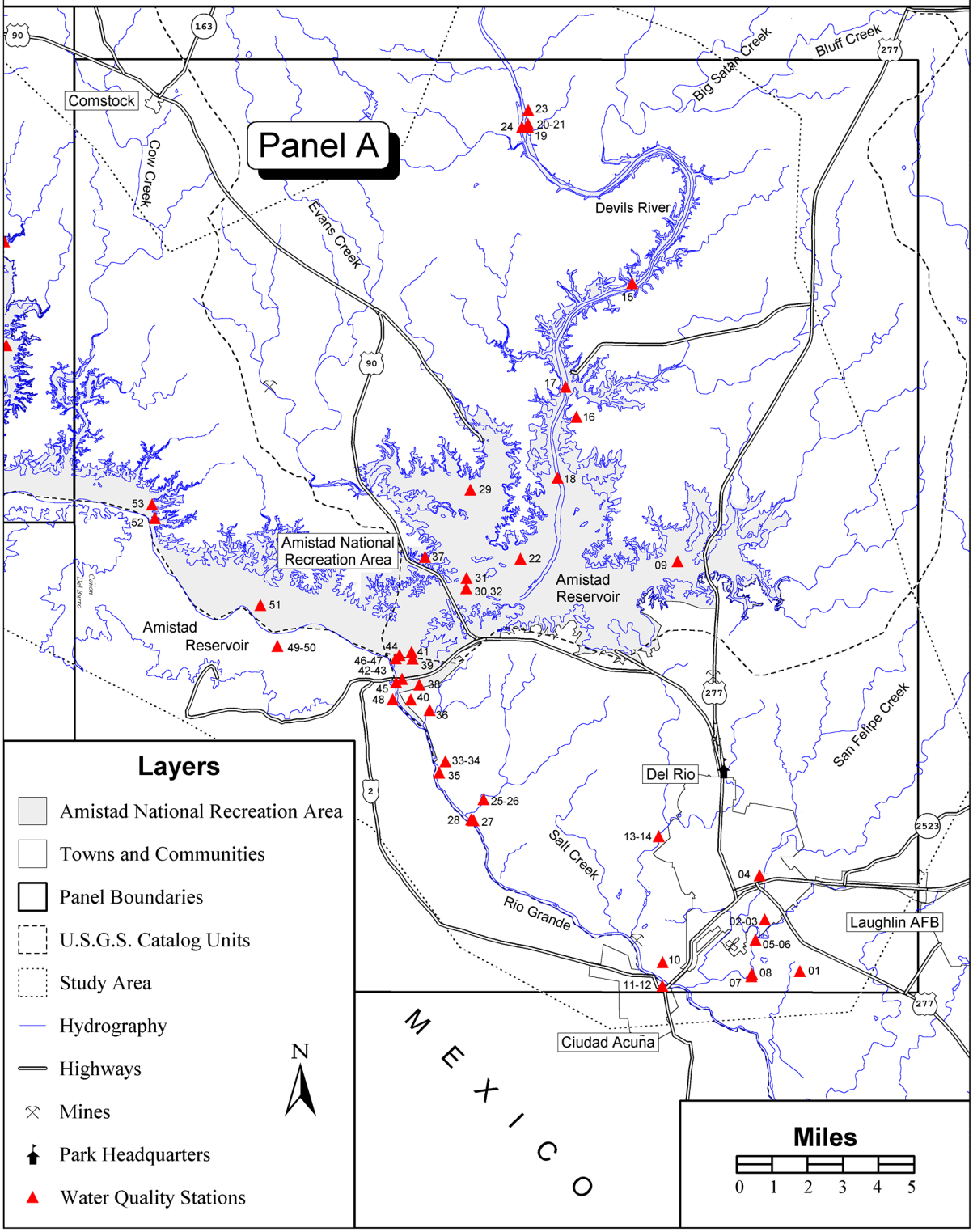
Water Quality Monitoring Locations

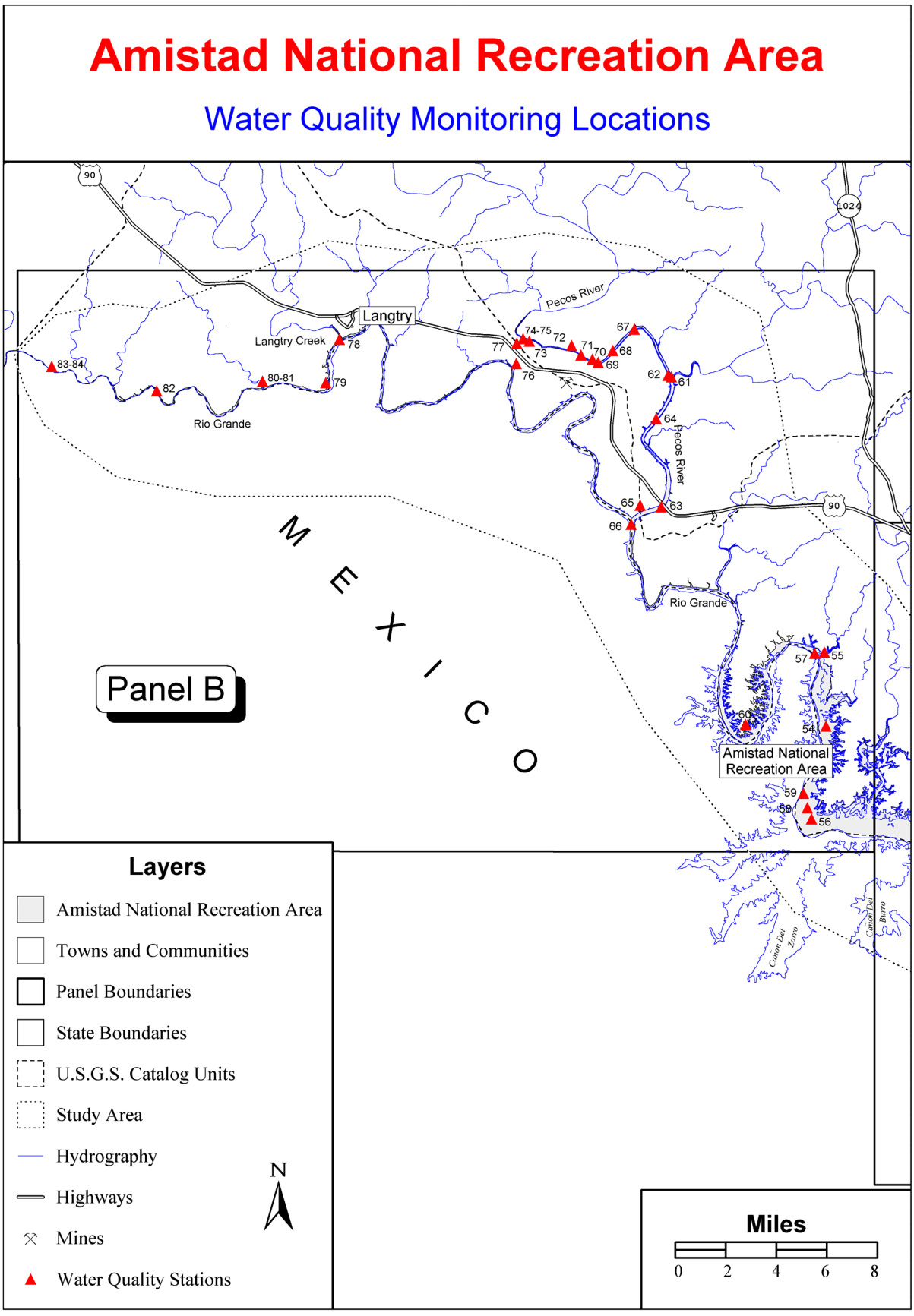
Graphic Panel Index



Amistad National Recreation Area

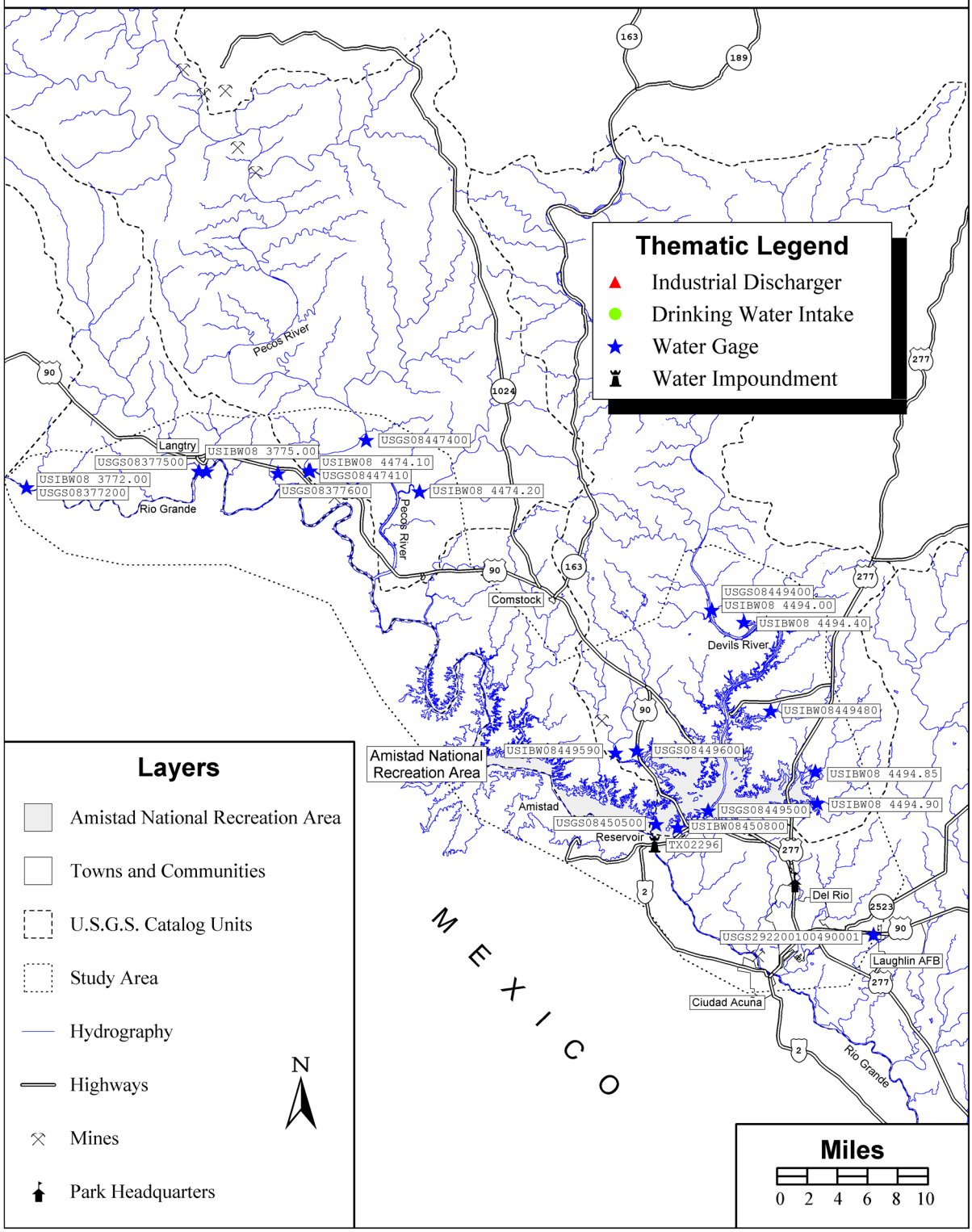
Water Quality Monitoring Locations




Amistad National Recreation Area
Water Quality Monitoring Locations
Langtry
Langtry Creek
Pecos River
Rio Grande
Amistad National Recreation Area
MEXICO
Panel B
Layers
Amistad National Recreation Area
Towns and Communities
Panel Boundaries
State Boundaries
U.S.G.S. Catalog Units
Study Area
Hydrography
Highways
Mines
Water Quality Stations
N
Miles
0 2 4 6 8

Amistad National Recreation Area

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the AMIS 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)

No drinking water intakes available for this study area.

Water Gages

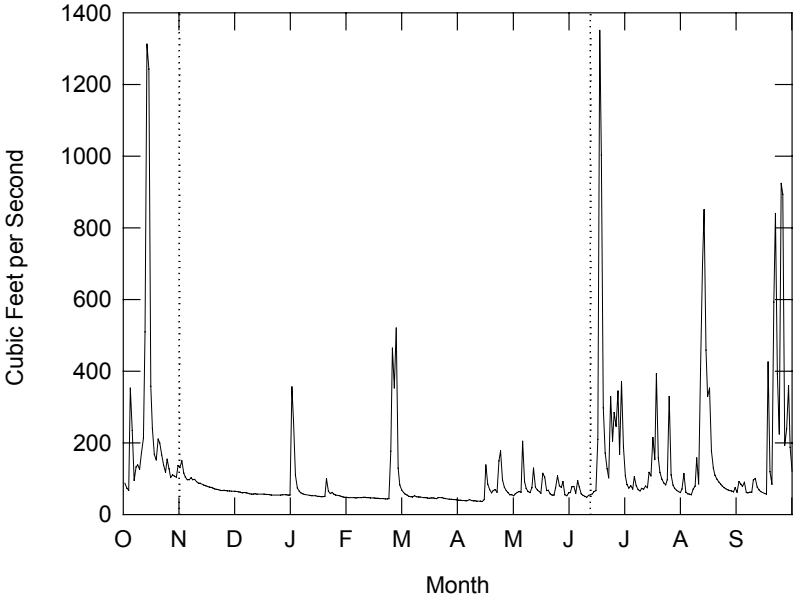
Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS08377200	RIO GRANDE AT FOSTER RANCH NR LANGTRY, TX	Stream	4120.00	1976	1981
USGS08377500	RIO GRANDE AT LANGTR	Stream			
USGS08377600	RIO GRANDE TRIB NR L		32.00		
USGS08447400	PECOS RIVER NR SHUML	Stream			
USGS08447410	PECOS RIVER NR LANGTRY, TX	Stream	5179.00	1976	1985
USGS08449500	DEVILS RIVER NEAR DE	Stream			
USGS08449600	EVANS CR TRIB NR DEL		40.00		
USGS08450500	DEVILS RIVER NEAR MO	Stream			
USIBW08 3772.00	RIO GRANDE AT FOSTER	Stream	0742.00		
USIBW08 3775.00	RIO GRANDE AT LANGTR	Stream	1429.00		
USIBW08 4474.10	PECOS R NR LANGTRY T	Stream	5179.00		
USIBW08 4474.20	DEAD MANS CANYON NR	Stream	88.00		
USIBW08 4494.00	DEVILS R PAFFORD CRO	Stream	3961.00		
USIBW08 4494.40	BIG SATAN C NR COMST	Stream	42.00		
USIBW08 4494.85	NF SAN PEDRO C NR DE	Stream	17.00		
USIBW08 4494.90	MF SAN PEDRO C NR DE	Stream	12.00		
USIBW08449480	ROUGH CANYON NR DEL	Stream	24.00		
USIBW08449590	EVANS C NR COMSTOCK	Stream	74.00		
USIBW08450800	INTERNATIONAL AMISTA	Lake	3134.00		
USGS08449400	DEVILS R AT PAFFORD CROSSING NR COMSTOCK TX	Stream	3961.00	1978	1986
USGS292200100490001	DEL RIO, TX WBAP W22010	Climate			

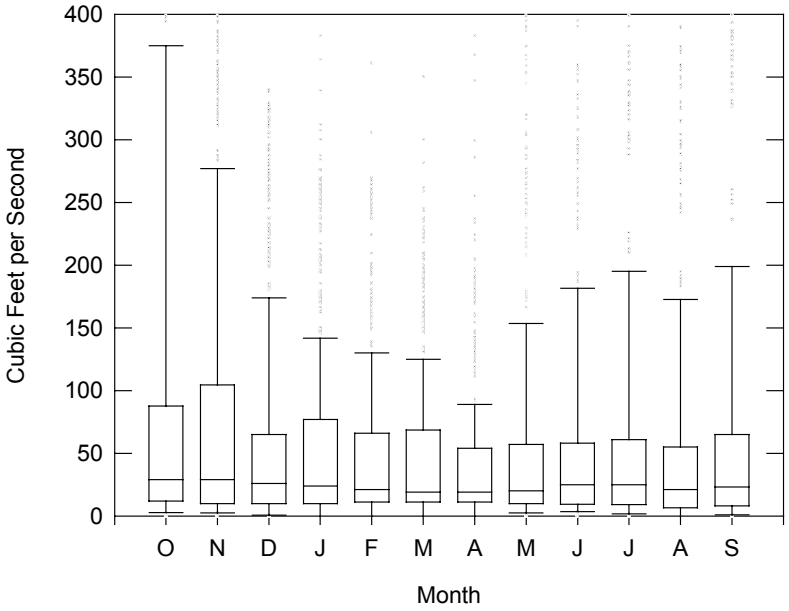
Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
TX02296	INTERNATIONAL AMISTAD DAM	IBWC	Flood	Other	High	1969

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

AMISTAD NATIONAL RECREATION AREA
Nueces River below Uvalde, TX
08192000, 48 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 Amistad National Recreation area are: Jun. 10 to Oct. 31, and Nov. 1 to Jun. 9.

CONTACTS FOR AGENCY CODES RETRIEVED FOR AMIS

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)
21TEXWR	HOELMAN, LOUIS	USEPA HQ	(202)260-7050
21TXWQB	DEACON, ROY	TEXAS WATER COMMISSION	(512)239-0870
112WRD	YORKE, TOM	US GEOLOGICAL SURVEY	(703)648-5687
11EPALES	LAMBOU, VICTOR W.	USEPA	(702)798-2259

QUANTITY OF DATA RETRIEVED FOR AMIS 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
21TEXWR	USEPA HQ	10/21/71-07/13/78	01/13/72-05/02/78	37	17	8	2	9	0	7894	2138	119	102
21TXWQB	TEXAS WATER COMMISSION	09/11/68-07/08/93	01/13/72-07/08/93	23	12	13	5	0	0	34465	9434	439	270
112WRD	US GEOLOGICAL SURVEY	10/01/64-03/01/93	01/11/67-02/25/93	15	3	9	2	0	0	28774	594	228	29
11EPALES	USEPA	03/05/74-08/07/75	03/05/74-08/07/75	9	4	0	0	0	0	1840	746	19	19
Totals		10/01/64-07/08/93	01/11/67-07/08/93	84	36	30	9	9	0	72973	12912	544	313

[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 10/01/64 To 07/08/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75
AMIS0001	SAN FELIPE CREEK UPSTREAM SILOS FARM RD BRIDGE	No	0	0	0	0
AMIS0002[1]	SAN FELIPE CREEK AT BRIDGE ON US 277 AT DEL RIO	No	898	0	181	717
AMIS0003	SAN FELIPE CREEK AT BRIDGE US 277 AT DEL RIO	No	0	0	0	0
AMIS0004	SAN FELIPE C AT MOORE PARK, TEX.	No	82	0	0	82
AMIS0005	CIENEGAS CREEK 0.3 MILE UPSTREAM FROM CONFLUENCE	No	125	52	73	0
AMIS0006	CIENEGAS CREEK .3 MI UPSTREAM CNFLNCE RIO GRANDE	No	0	0	0	0
AMIS0007	SAN FELIPE CREEK NR DEL RIO, TX	No	152	0	0	152
AMIS0008[1]	SAN FELIPE CREEK AT GUYLER CONFLUENCE WITH THE R	No	1864	924	940	0
AMIS0009	RESERVOIR AT BUOY SPD	Yes	27	0	0	27
AMIS0010	RIO GRANDE BLW AMISTAD DAM- DEL	No	0	0	0	0
AMIS0011[1]	RIO GRANDE 12.8 MILES BELOW AMISTAD DAM NEAR N	No	4528	1893	2437	198
AMIS0012[1]	RIO GRANDE 12.8 MI BELOW AMISTAD DAM	No	632	0	453	179
AMIS0013	CANTU SPRINGS NR DEL RIO, TX	No	125	0	0	125
AMIS0014[1]	YR-70-33-801 CANTU SPRINGS	No	564	128	279	157
AMIS0015	AMISTAD RESERVOIR AT BUOY DRR	Yes	27	0	0	27
AMIS0016	AMISTAD LAKE	No	345	0	0	345
AMIS0017[1]	AMISTAD RESERVOIR AT NATIONAL PARK BUOY DRN	Yes	866	525	341	0
AMIS0018	AMISTAD RESERVOIR AT BUOY DRJ	Yes	27	0	0	27
AMIS0019[1]	DEVILS RIVER AT PAFFORD CROSSING NEAR COMSTOCK	No	448	0	309	139
AMIS0020	DEVILS RIVER - BAKER RANCH	No	0	0	0	0
AMIS0021[1]	DEVILS R AT PAFFORD CROSSING NR COMSTOCK TX	No	5053	2074	2825	154
AMIS0022	AMIS TAD RESERVOIR, TEXAS	Yes	110	0	110	0
AMIS0023[1]	DEVILS RIVER AT PAFFORD CROSSING NEAR COMSTOCK	No	4189	2218	1799	172
AMIS0024	DEVILS RIVER	Yes	71	0	45	26
AMIS0025	EIGHT MILE CREEK NR DEL RIO, TX	No	91	0	0	91
AMIS0026	EIGHT MILE CREEK NEAR DEL RIO@ TEX E WITH RIO GR	No	53	53	0	0
AMIS0027	MCKEE SPRING@APPROXIMATELY 100 METERS UPSTREAM O	No	53	53	0	0
AMIS0028[1]	YR-71-40-903 (MCKEE SPRINGS)	No	354	51	224	79
AMIS0029	AMISTAD RESERVOIR AT BUOY CCD	Yes	27	0	0	27
AMIS0030[1]	AMISTAD RESERVOIR PARK BOUY DRC 5MI NO OF DAM	Yes	1219	0	639	580
AMIS0031	RESERVOIR AT BUOY DRC	Yes	17	0	0	17
AMIS0032[1]	AMISTAD RESERVOIR AT NATIONAL PARK BUOY DRC 5 M	Yes	1847	603	854	390
AMIS0033[1]	RIO GRANDE BELOW AMISTAD DAM NORTHWEST OF DEL RI	No	2010	1270	522	218
AMIS0034[1]	RIO GRANDE BELOW AMISTAD DAM NR DEL RIO, TX	No	4982	1509	2511	962
AMIS0035[1]	US NO. 3 SPRING	No	454	102	245	107
AMIS0036	RIO GRANDE BLW AMISTAD DAM	No	0	0	0	0
AMIS0037	SMALL BAY IN AMISTAD RESERVOIR,	Yes	38	0	38	0
AMIS0038[1]	WEIR #1 STA 131+00 BLW AMISTAD DAM	Yes	99	75	24	0
AMIS0039	AMISTAD RES AT BUOY 1	Yes	27	0	0	27
AMIS0040	RIO GRANDE BELOW AMISTAD DAM NW OF DEL RIO	No	218	0	0	218
AMIS0041	AMISTAD RES. ABOVE DAM	Yes	12	0	0	12
AMIS0042[1]	AMISTAD RESERVOIR ABOVE DAM NW OF DEL RIO	Yes	445	0	85	360
AMIS0043[1]	AMISTAD RESERVOIR ABOVE DAM NORTHWEST OF DEL RIO	Yes	462	0	86	376
AMIS0044	AMISTAD LAKE	Yes	369	0	0	369
AMIS0045	RIO GRANDE	Yes	63	0	44	19
AMIS0046[1]	AMISTAD RESERVOIR AT INTERNATIONAL BOUNDARY BUOY	Yes	4419	1716	2337	366
AMIS0047[1]	AMISTAD RES AT BUOY #1	Yes	341	304	37	0
AMIS0048[1]	AMISTAD RESERVOIR BOUND BOUY 1 ADJ TO DAM	No	1416	0	827	589
AMIS0049[1]	AMISTAD RESERVOIR BOUY V 5MI SW OF DAM	No	1160	0	641	519
AMIS0050[1]	AMISTAD RESERVOIR AT INTERNATIONAL BOUNDARY BUOY	No	1790	608	851	331
AMIS0051	AMISTAD RESERVOIR AT BUOY 6	Yes	27	0	0	27
AMIS0052	AMISTAD LAKE	No	344	0	0	344
AMIS0053	AMISTAD RESERVOIR AT BUOY 12	Yes	27	0	0	27
AMIS0054	AMISTAD RESERVOIR AT BUOY 20	Yes	27	0	0	27
AMIS0055	AMISTAD RESERVOIR AT BUOY 27	Yes	27	0	0	27
AMIS0056	TULE & ARROYO DE LA ZORRA BAY	Yes	27	0	0	27
AMIS0057	AMISTAD LAKE	Yes	243	0	0	243
AMIS0058	GOODENOUGH SPRINGS NR COMSTOCK,TEX(DISC)	Yes	154	0	0	154
AMIS0059[1]	AMISTAD RESERVOIR AT INTERNATIONAL BOUNDARY BUOY	Yes	1454	985	469	0
AMIS0060	HORSESHOE BEND ABOVE COMSTOCK	Yes	27	0	0	27
AMIS0061	AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-R	Yes	74	74	0	0
AMIS0062	PECOS R. 6 MIS UPSTM OF HGWY 90	No	38	0	38	0
AMIS0063	AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ 200 M	Yes	6	6	0	0
AMIS0064	AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-R	Yes	42	42	0	0
AMIS0065	MOUTH OF PECOS R. AT CONFL. WITH	No	136	0	136	0
AMIS0066	AMISTAD LAKE	No	265	0	0	265
AMIS0067	AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-R	Yes	78	78	0	0
AMIS0068	AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-R	Yes	140	140	0	0
AMIS0069	AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-R	Yes	41	41	0	0
AMIS0070	PECOS RIVER NEAR SHUMLA	No	12	0	0	12
AMIS0071	AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE NORTH	Yes	5	5	0	0

Station Period of Record Tabulation
From 10/01/64 To 07/08/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75
AMIS0072	PECOS RIVER - NEAR SHUMLA	No	0	0	0	0
AMIS0073	PECOS RIVER	No	71	0	45	26
AMIS0074[1]	PECOS RIVER NEAR LANGTRY	No	5969	3414	1848	707
AMIS0075[1]	PECOS RIVER NEAR LANGTRY, TX	No	8412	2335	5049	1028
AMIS0076	RIO GRANDE ABV IMPD WATER AT FOS	No	0	0	0	0
AMIS0077[1]	PECOS RIVER NEAR SHUMLA	No	828	0	377	451
AMIS0078	RIO GRANDE AT LANGTRY, TX	No	665	0	0	665
AMIS0079[1]	RIO GRANDE FOSTER RANCH ABOVE LANGTRY	No	861	0	394	467
AMIS0080	RIO GRANDE R. AT FOSTER RANCH AB	No	0	0	0	0
AMIS0081	RIO GRANDE RIVER AT FOSTER RANCH ABOVE LANGTRY	No	7	0	0	7
AMIS0082	RIO GRANDE RIVER	No	69	0	44	25
AMIS0083[1]	RIO GRNADE AT FOSTER RANCH	No	3552	1502	1293	757
AMIS0084[1]	RIO GRANDE AT FOSTER RANCH NR LANGTRY, TX	No	7246	1751	5079	416

[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 10/01/64 To 07/08/93

Parameter Code	Name	Total Obs	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	135	0	0	135	5	2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	3695	1183	1496	1016	51	19
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	1900	59	1019	822	23	7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	2	0	2	0	1	1
00023	SAMPLE WEIGHT IN POUNDS	11	2	9	0	4	1
00024	SAMPLE LENGTH IN INCHES	14	5	9	0	4	1
00025	BAROMETRIC PRESSURE (MM OF HG)	152	116	36	0	3	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	437	258	176	3	9	2
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	572	258	311	3	9	2
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	20	0	0	20	5	2
00060	FLOW, STREAM, MEAN DAILY CFS	126	5	110	11	9	0
00061	FLOW, STREAM, INSTANTANEOUS CFS	1376	616	660	100	22	6
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	3	0	3	0	3	0
00064	DEPTH OF STREAM, MEAN (FT)	1	1	0	0	1	0
00065	STAGE, STREAM (FEET)	5	0	5	0	1	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	897	0	378	519	26	7
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	134	0	0	134	5	2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	396	224	172	0	6	0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	359	146	194	19	28	14
00078	TRANSPARENCY, SECCHI DISC (METERS)	124	124	0	0	9	4
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	35	35	0	0	9	4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	2583	691	1070	822	40	16
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2198	602	955	641	49	16
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	403	0	272	131	7	2
00300	OXYGEN, DISSOLVED MG/L	2722	964	1034	724	40	16
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	231	42	186	3	13	4
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	11	11	0	0	6	0
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	11	11	0	0	6	0
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	11	11	0	0	6	0
00310	BOD, 5 DAY, 20 DEG C MG/L	934	355	378	201	23	5
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	11	11	0	0	6	0
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	14	0	10	4	5	1
00340	COD, .25N K2CR2O7 MG/L	5	0	5	0	3	0
00400	PH (STANDARD UNITS)	3225	1097	1381	747	52	19
00403	PH, LAB, STANDARD UNITS SU	1301	398	597	306	38	13
00405	CARBON DIOXIDE (MG/L AS CO2)	407	0	255	152	8	0
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1861	724	847	290	45	14
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	1	1	0	0	1	0
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	1	1	0	0	1	0
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	2	0	2	0	2	0
00440	BICARBONATE ION (MG/L AS HCO3)	536	83	255	198	17	4
00445	CARBONATE ION (MG/L AS CO3)	536	82	255	199	17	4
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	16	16	0	0	3	0
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	16	16	0	0	3	0
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	75	75	0	0	3	0
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	75	75	0	0	3	0
00480	SALINITY - PARTS PER THOUSAND	20	20	0	0	9	4
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	13	9	4	0	5	3
00500	RESIDUE, TOTAL (MG/L)	101	0	8	93	11	1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	3	0	3	0	3	1
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	40	0	0	40	3	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	997	358	449	190	29	11
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	938	351	453	134	29	11
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	14	4	10	0	6	3
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	14	4	6	4	5	1
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	13	0	13	0	3	0
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	11	0	11	0	3	0
00600	NITROGEN, TOTAL (MG/L AS N)	137	0	134	3	3	0
00602	NITROGEN, DISSOLVED (MG/L AS N)	45	0	45	0	3	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	136	0	133	3	3	0
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	45	0	45	0	3	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	383	231	152	0	9	0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1476	558	625	293	41	15
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	204	204	0	0	9	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	256	150	92	14	20	6
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	1	1	0	0	1	0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	1108	265	548	295	38	13
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	112	6	97	9	7	0
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	60	0	60	0	3	0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	690	308	271	111	28	11
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	27	9	14	4	6	1

Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Parameter Code	Name	Total Obs	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	357	64	173	120	22	7
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	518	241	244	33	10	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	654	21	443	190	26	7
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	600	21	472	107	24	7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1603	571	731	301	41	15
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	430	226	204	0	6	0
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	28	9	17	2	8	3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1292	481	597	214	43	15
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	833	324	439	70	29	11
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	31	0	31	0	3	0
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	11	11	0	0	6	0
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	28	0	28	0	3	0
00745	SULFIDE, TOTAL (MG/L AS S)	1	1	0	0	1	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	590	13	380	197	18	2
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	534	0	337	197	13	1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1157	476	487	194	22	6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1163	481	488	194	22	6
00930	SODIUM, DISSOLVED (MG/L AS NA)	1150	481	480	189	22	6
00931	SODIUM ADSORPTION RATIO	557	0	369	188	17	1
00932	SODIUM, PERCENT	444	0	270	174	11	1
00933	SODIUM,PLUS POTASSIUM (MG/L)	36	0	36	0	4	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1037	458	413	166	22	6
00940	CHLORIDE,TOTAL IN WATER MG/L	2259	805	943	511	44	14
00941	CHLORIDE, DISSOLVED IN WATER MG/L	263	0	75	188	10	3
00945	SULFATE, TOTAL (MG/L AS SO4)	2219	807	939	473	44	14
00950	FLUORIDE, DISSOLVED (MG/L AS F)	593	312	241	40	20	5
00955	SILICA, DISSOLVED (MG/L AS SI02)	1001	472	461	68	21	6
01000	ARSENIC, DISSOLVED (UG/L AS AS)	277	156	119	2	7	1
01001	ARSENIC, SUSPENDED (UG/L AS AS)	37	0	37	0	3	0
01002	ARSENIC, TOTAL (UG/L AS AS)	77	2	70	5	14	4
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	46	9	22	15	23	16
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	18	17	1	0	3	1
01005	BARIUM, DISSOLVED (UG/L AS BA)	299	185	114	0	6	0
01006	BARIUM, SUSPENDED (UG/L AS BA)	42	0	42	0	3	0
01007	BARIUM, TOTAL (UG/L AS BA)	61	0	58	3	9	1
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	13	9	4	0	5	3
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	208	155	53	0	6	0
01020	BORON, DISSOLVED (UG/L AS B)	223	0	84	139	4	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	277	156	119	2	7	1
01026	CADMIUM, SUSPENDED (UG/L AS CD)	28	0	28	0	3	0
01027	CADMIUM, TOTAL (UG/L AS CD)	77	2	70	5	14	4
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	46	9	22	15	23	16
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	46	9	22	15	23	16
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	277	156	119	2	7	1
01031	CHROMIUM, SUSPEND (UG/L AS CR)	39	0	39	0	3	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	74	2	68	4	11	3
01035	COBALT, DISSOLVED (UG/L AS CO)	306	185	119	2	6	0
01036	COBALT, SUSPENDED (UG/L AS CO)	28	0	28	0	3	0
01037	COBALT, TOTAL (UG/L AS CO)	68	0	66	2	6	0
01040	COPPER, DISSOLVED (UG/L AS CU)	277	156	119	2	7	1
01041	COPPER, SUSPENDED (UG/L AS CU)	42	0	42	0	3	0
01042	COPPER, TOTAL (UG/L AS CU)	75	2	68	5	12	3
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	46	9	22	15	23	16
01044	IRON, SUSPENDED (UG/L AS FE)	32	0	32	0	3	0
01045	IRON, TOTAL (UG/L AS FE)	70	0	68	2	8	1
01046	IRON, DISSOLVED (UG/L AS FE)	307	186	119	2	6	0
01049	LEAD, DISSOLVED (UG/L AS PB)	277	156	119	2	7	1
01050	LEAD, SUSPENDED (UG/L AS PB)	39	0	39	0	3	0
01051	LEAD, TOTAL (UG/L AS PB)	76	2	70	4	13	4
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	46	9	22	15	23	16
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	46	9	22	15	23	16
01054	MANGANESE, SUSPENDED (UG/L AS MN)	36	0	36	0	3	0
01055	MANGANESE, TOTAL (UG/L AS MN)	72	0	68	4	10	2
01056	MANGANESE, DISSOLVED (UG/L AS MN)	307	186	119	2	6	0
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	238	185	53	0	6	0
01065	NICKEL, DISSOLVED (UG/L AS NI)	283	186	95	2	7	1
01066	NICKEL, SUSPENDED (UG/L AS NI)	19	0	19	0	3	0
01067	NICKEL, TOTAL (UG/L AS NI)	43	2	39	2	11	3
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	46	9	22	15	23	16
01075	SILVER, DISSOLVED (UG/L AS AG)	300	186	114	0	7	1
01076	SILVER, SUSPENDED (UG/L AS AG)	36	0	36	0	3	0

Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Parameter Code	Name	Total Obs	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01077	SILVER, TOTAL (UG/L AS AG)	71	2	67	2	9	2
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	44	7	22	15	23	16
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	245	185	58	2	6	0
01085	VANADIUM, DISSOLVED (UG/L AS V)	238	185	53	0	6	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	277	156	119	2	7	1
01091	ZINC, SUSPENDED (UG/L ZN)	45	0	45	0	3	0
01092	ZINC, TOTAL (UG/L AS ZN)	75	2	68	5	12	3
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	46	9	22	15	23	16
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	245	185	58	2	6	0
01130	LITHIUM, DISSOLVED (UG/L AS LI)	245	185	58	2	6	0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	303	186	115	2	7	1
01146	SELENIUM, SUSPENDED (UG/L AS SE)	41	0	41	0	3	0
01147	SELENIUM, TOTAL (UG/L AS SE)	73	2	67	4	11	3
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	21	9	12	0	8	3
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	17	17	0	0	3	1
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	173	146	27	0	13	7
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	24	24	0	0	2	0
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	24	24	0	0	2	0
04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	1	1	0	0	1	0
04127	ALPHA, SUSPENDED, DRY WEIGHT,SED (AS TH-230) PCI/L	1	1	0	0	1	0
09511	RADIUM 226, DISSOLVED, RADON METHOD	24	24	0	0	2	0
22703	URANIUM, NATURAL, DISSOLVED	20	20	0	0	2	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	75	0	61	14	14	2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	54	0	0	54	9	2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	882	315	532	35	25	7
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	448	226	222	0	6	0
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	448	226	222	0	6	0
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	24	0	21	3	2	0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	694	242	367	85	20	9
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	19	0	0	19	5	2
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	552	241	311	0	18	8
32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	44	0	44	0	7	1
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	3	0	3	0	2	0
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	3	0	3	0	2	0
32230	CHLOROPHYLL A (MG/L)	160	0	93	67	9	2
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34204	ACENAPHTHYLENE WET WGTTISMG/KG	1	1	0	0	1	0
34208	ACENAPHTHENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34209	ACENAPHTHENE WET WGTTISMG/KG	1	1	0	0	1	0
34218	ACRYLONITRILE DRY WGTBOTUG/KG	1	1	0	0	1	1
34219	ACRYLONITRILE WET WGTTISMG/KG	1	1	0	0	1	0
34223	ANTHRACENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34224	ANTHRACENE WET WGTTISMG/KG	1	1	0	0	1	0
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	1	1	0	0	1	1
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	1	1	0	0	1	0
34237	BENZENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34238	BENZENE WET WGTTISMG/KG	1	1	0	0	1	0
34241	BENZIDINE WET WGTTISMG/KG	1	1	0	0	1	0
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	1	1	0	0	1	1
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	1	1	0	0	1	0
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34251	BENZO-A-PYRENE WET WGTTISMG/KG	1	1	0	0	1	0
34258	B-BHC-BETA WET WGTTISMG/KG	1	1	0	0	1	0
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	1	1	0	0	1	0
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	1	1	0	0	1	1
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	1	1	0	0	1	0
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	1	1	0	0	1	1
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	1	1	0	0	1	0
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	1	1	0	0	1	1
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	1	1	0	0	1	0
34290	BROMOFORM DRY WGTBOTUG/KG	1	1	0	0	1	1
34291	BROMOFORM WET WGTTISMG/KG	1	1	0	0	1	0
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	1	1	0	0	1	1
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	1	1	0	0	1	0
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	1	1	0	0	1	1
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	1	1	0	0	1	0
34304	CHLOROBENZENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34305	CHLOROBENZENE WET WGTTISMG/KG	1	1	0	0	1	0
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	1	1	0	0	1	1
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34314	CHLOROETHANE DRY WGTBOTUG/KG	1	1	0	0	1	1

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Parameter Code	Name	Total Obs	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34315	CHLOROETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34318	CHLOROFORM DRY WGTBOTUG/KG	1	1	0	0	1	1
34319	CHLOROFORM WET WGTTISMG/KG	1	1	0	0	1	0
34323	CHRYSENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34324	CHRYSENE WET WGTTISMG/KG	1	1	0	0	1	0
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	1	1	0	0	1	1
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	1	1	0	0	1	1
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	1	1	0	0	1	0
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	1	1	0	0	1	1
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	1	1	0	0	1	0
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	1	1	0	0	1	1
34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	1	1	0	0	1	0
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	3	3	0	0	1	1
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	1	1	0	0	1	0
34374	ETHYLBENZENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34375	ETHYLBENZENE WET WGTTISMG/KG	1	1	0	0	1	0
34379	FLUORANTHENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34380	FLUORANTHENE WET WGTTISMG/KG	1	1	0	0	1	0
34384	FLUORENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34385	FLUORENE WET WGTTISMG/KG	1	1	0	0	1	0
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	1	1	0	0	1	0
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	1	1	0	0	1	0
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	1	1	0	0	1	1
34400	HEXACHLOROETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	1	1	0	0	1	0
34411	ISOPHORONE DRY WGTBOTUG/KG	1	1	0	0	1	1
34412	ISOPHORONE WET WGTTISMG/KG	1	1	0	0	1	0
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	1	1	0	0	1	1
34427	METHYLENE CHLORIDE WET WGTTISMG/KG	1	1	0	0	1	0
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	1	1	0	0	1	1
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	1	1	0	0	1	0
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	1	1	0	0	1	1
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	1	1	0	0	1	0
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	1	1	0	0	1	1
34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	1	1	0	0	1	0
34445	NAPHTHALENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34446	NAPHTHALENE WET WGTTISMG/KG	1	1	0	0	1	0
34450	NITROBENZENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34451	NITROBENZENE WET WGTTISMG/KG	1	1	0	0	1	0
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	1	1	0	0	1	1
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	1	1	0	0	1	0
34464	PHENANTHRENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34465	PHENANTHRENE WET WGTTISMG/KG	1	1	0	0	1	0
34468	PHENOL WET WGTTISMG/KG	1	1	0	0	1	0
34472	PYRENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34473	PYRENE WET WGTTISMG/KG	1	1	0	0	1	0
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	1	1	0	0	1	0
34483	TOLUENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34484	TOLUENE WET WGTTISMG/KG	1	1	0	0	1	0
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	1	1	0	0	1	1
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	1	1	0	0	1	1
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	1	1	0	0	1	0
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	1	1	0	0	1	1
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	1	1	0	0	1	1
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	1	1	0	0	1	1
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	1	1	0	0	1	1
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	1	1	0	0	1	0
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	1	1	0	0	1	1
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	1	1	0	0	1	0
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	1	1	0	0	1	1
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	1	1	0	0	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	1	1	0	0	1	0
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	1	1	0	0	1	1
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	1	1	0	0	1	0
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	1	1	0	0	1	1
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	1	1	0	0	1	0
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	1	1	0	0	1	0
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	1	1	0	0	1	0
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	1	1	0	0	1	0
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	1	1	0	0	1	0
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	1	1	0	0	1	1
34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	1	1	0	0	1	0
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	1	1	0	0	1	0
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	1
34590	2-CHLOROPHENOL WET WGTTISMG/KG	1	1	0	0	1	0
34594	2-NITROPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	1
34595	2-NITROPHENOL WET WGTTISMG/KG	1	1	0	0	1	0
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	1	1	0	0	1	1
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	1	1	0	0	1	0
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	1
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	1	1	0	0	1	0
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	1
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	1	1	0	0	1	0
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	1	1	0	0	1	0
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	1
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	1	1	0	0	1	0
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	1
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	1	1	0	0	1	0
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	1	1	0	0	1	1
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	1	1	0	0	1	0
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	1	1	0	0	1	1
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	1	1	0	0	1	0
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	1	1	0	0	1	1
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	1	1	0	0	1	0
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	1	1	0	0	1	1
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	1	1	0	0	1	0
34649	4-NITROPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	1
34650	4-NITROPHENOL WET WGTTISMG/KG	1	1	0	0	1	0
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	1	1	0	0	1	1
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	1	1	0	0	1	0
34664	PCB - 1221 WET WGTTISMG/KG	1	1	0	0	1	0
34667	PCB - 1232 WET WGTTISMG/KG	1	1	0	0	1	0
34669	PCB - 1248 WET WGTTISMG/KG	1	1	0	0	1	0
34670	PCB - 1260 WET WGTTISMG/KG	1	1	0	0	1	0
34674	PCB - 1016 WET WGTTISMG/KG	1	1	0	0	1	0
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	18	17	1	0	3	1
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	25	17	8	0	5	2
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	1	1	0	0	1	0
34685	ENDRIN WET WGTTISMG/KG	25	17	8	0	5	2
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	18	17	1	0	3	1
34687	HEPTACHLOR WET WGTTISMG/KG	18	17	1	0	3	1
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	18	17	1	0	3	1
34689	PCB - 1242 WET WGTTISMG/KG	1	1	0	0	1	0
34690	PCB - 1254 WET WGTTISMG/KG	1	1	0	0	1	0
34691	TOXAPHENE WET WGTTISMG/KG	25	17	8	0	5	2
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	1	1	0	0	1	0
34693	VINYL CHLORIDE WET WGTTISMG/KG	1	1	0	0	1	0
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	1	1	0	0	1	1
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	1	1	0	0	1	1
34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	1	1	0	0	1	0
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	1	1	0	0	1	1
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	1	1	0	0	1	0
39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	13	0	13	0	2	0
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	1	1	0	0	1	1
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	4	0	4	0	2	0

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Parameter Code	Name	Total Obs	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	102	102	0	0	9	1
39046	SIMAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	1	1	0	0	1	0
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	11	11	0	0	3	1
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	16	8	8	0	4	1
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	8	8	0	0	3	1
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	16	8	8	0	4	1
39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	8	8	0	0	3	1
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	1	0	1	0	1	1
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	16	8	8	0	4	1
39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	8	8	0	0	3	1
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	17	9	8	0	4	1
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	18	17	1	0	3	1
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	9	9	0	0	3	1
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	89	89	0	0	6	0
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	1	1	0	0	1	0
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	5	1	4	0	4	3
39105	PERCENT FAT HEXANE EXTRACTION	7	0	7	0	2	1
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	5	1	4	0	4	3
39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	1	1	0	0	1	1
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	1	1	0	0	1	1
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	8	0	8	0	4	0
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	8	0	8	0	4	0
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	7	0	7	0	2	1
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10	8	2	0	5	2
39302	P P DDT IN TISSUE WET WGT (UG/G)	16	8	8	0	4	1
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	8	8	0	0	3	1
39307	O P DDT IN TISSUE WET WGT (UG/G)	16	8	8	0	4	1
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10	8	2	0	5	2
39312	P P DDD IN TISSUE WET WGT (UG/G)	16	8	8	0	4	1
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	8	8	0	0	3	1
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11	8	3	0	6	2
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	16	8	8	0	4	1
39325	O,P DDD IN TISSUE WET WGT (UG/G)	16	8	8	0	4	1
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	8	8	0	0	3	1
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	16	8	8	0	4	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	34	1	33	0	5	1
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	48	11	25	12	24	17
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	29	0	29	0	2	0
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	13	0	13	0	6	2
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	30	1	29	0	3	1
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	44	11	21	12	24	17
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3	1
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	42	11	19	12	22	16
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3	1
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	41	11	18	12	22	16
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3	1
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	44	11	21	12	24	17
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	18	17	1	0	3	1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3	1
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	44	11	21	12	24	17
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	5	1	4	0	3	1
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	5	1	4	0	3	1
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3	1
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	44	11	21	12	24	17
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	29	0	29	0	2	0
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	5	0	5	0	2	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3	1
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	44	11	21	12	24	17
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	7	0	7	0	2	1
39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	18	17	1	0	3	1
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	32	1	29	2	5	1
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	44	11	21	12	24	17
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	32	1	29	2	5	1
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	44	11	21	12	24	17
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	32	1	29	2	5	1
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	44	11	21	12	24	17
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	1	1	0	0	1	1
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	1	1	0	0	1	1
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	1	1	0	0	1	1
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	1	1	0	0	1	1

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Parameter Code	Name	Total Obs	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	2	0	2	0	2	0
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	1	1	0	0	1	1
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	1	1	0	0	1	1
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	1	1	0	0	1	1
39515	PCBS (MG/KG) FISH TISSUE MG/KG	24	16	8	0	5	2
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	25	1	22	2	6	1
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	45	10	23	12	24	17
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	32	1	29	2	5	1
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	20	11	9	0	7	3
39534	MALATHION IN TISSUE WET WEIGHT MG/KG	1	1	0	0	1	0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	32	1	29	2	5	1
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	40	11	17	12	24	17
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3	1
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	40	11	17	12	24	17
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	1	0	0	1	1
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	29	0	29	0	2	0
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	37	8	17	12	24	17
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	14	0	14	0	2	0
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	1
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11	11	0	0	3	1
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	1	1	0	0	1	1
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	20	1	19	0	3	1
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	13	11	2	0	5	1
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	20	1	19	0	3	1
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	13	11	2	0	5	1
39755	MIREX, TOTAL (UG/L)	4	0	4	0	2	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	4	0	4	0	2	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	19	0	19	0	2	0
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	31	9	10	12	22	15
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	3	1	0	2	3	1
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	31	11	8	12	18	15
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	7	0	7	0	2	1
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	29	0	29	0	2	0
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	5	0	5	0	2	0
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	29	0	29	0	2	0
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	5	0	5	0	2	0
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	1	1	0	0	1	1
45511	XYLENE TISSUE ,WET WGT,MG/KG	1	1	0	0	1	0
46290	BETA BHC IN SOIL (NG/G DRY WGT)	1	1	0	0	1	1
46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	1	1	0	0	1	1
60050	ALGAE, TOTAL (CELLS/ML)	75	0	72	3	3	0
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	677	0	301	376	9	2
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	934	391	512	31	36	11
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	493	1	353	139	16	1
70302	SOLIDS, DISSOLVED-TONS PER DAY	295	0	287	8	4	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	466	0	302	164	13	1
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	7	0	5	2	2	0
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	459	217	239	3	6	0
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	57	57	0	0	6	0
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	7	0	7	0	3	0
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	11	0	11	0	3	0
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	11	0	11	0	3	0
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	46	0	46	0	3	0
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	70	0	70	0	3	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	36	0	0	36	7	1
71870	BROMIDE (MG/L AS BR)	1	1	0	0	1	0
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	90	1	89	0	3	0
71887	NITROGEN, TOTAL, AS NO3 - MG/L	137	0	134	3	3	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	277	156	119	2	7	1
71895	MERCURY, SUSPENDED (UG/L AS HG)	36	0	36	0	3	0
71900	MERCURY, TOTAL (UG/L AS HG)	78	2	71	5	15	4
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	47	9	22	16	24	16
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	25	17	8	0	5	2
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	25	17	8	0	5	2
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	18	17	1	0	3	1
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	18	17	1	0	3	1
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	25	17	8	0	5	2
72025	DEPTH OF POND OR RESERVOIR IN FEET	86	12	55	19	13	7
72053	DAYS SINCE PRECIPITATION EVENT DAYS	59	59	0	0	5	1
73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	1	1	0	0	1	1

Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Parameter Code	Name	Total Obs	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	1	1	0	0	1	1
74069	FLOW, ESTIMATED STREAM CFS	8	7	1	0	4	1
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	8	8	0	0	1	0
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	8	8	0	0	1	0
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	8	8	0	0	1	0
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	8	8	0	0	1	0
75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	6	6	0	0	1	0
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	6	6	0	0	1	0
76004	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,WTR PC/L	8	8	0	0	1	0
76005	BETA GROSS,SUSP,1 SIGMA PRC EST AS SR90/Y90 PC/L	8	8	0	0	1	0
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	1	1	0	0	1	1
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	1	1	0	0	1	1
79800	MIREX SEDIMENT,DRY,WT,UG/KG	1	1	0	0	1	1
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	4	4	0	0	2	0
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	24	24	0	0	2	0
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	24	24	0	0	2	0
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	24	24	0	0	2	0
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	24	24	0	0	2	0
80106	PHOSPHORUS IN PARTICULATES (MG/KG DRY WT)	3	0	1	2	2	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	459	217	239	3	6	0
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	175	0	172	3	6	0
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	2	0	2	0	2	0
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	1	1	0	0	1	1
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	1	1	0	0	1	1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	21	12	9	0	4	1
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	14	12	2	0	2	0
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	18	17	1	0	3	1
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	1	1	0	0	1	0
81759	ENDOSULFAN IN FISH TISSUE WET WEIGHT MG/KG	1	1	0	0	1	0
81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	1	1	0	0	1	0
81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	1	1	0	0	1	0
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	1	1	0	0	1	0
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	1	1	0	0	1	0
81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	1	1	0	0	1	1
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	4	0	4	0	2	0
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	18	17	1	0	3	1
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	18	17	1	0	3	1
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	1	1	0	0	1	1
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	18	0	18	0	4	0
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	4	0	4	0	2	0
82398	SAMPLING METHOD (CODES)	89	20	66	3	3	0
82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	1	1	0	0	1	1
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	87	23	43	21	5	2
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	87	23	43	21	5	2
84007	ANATOMY ALPHA CODE	7	0	7	0	2	1
84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	7	0	7	0	2	1
84100	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	8	6	2	0	2	0

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	7	78	
AMIS0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/67-07/05/67	0	2	
AMIS0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/77-06/21/88	10	5	
AMIS0007	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/67-01/11/68	1	6	
AMIS0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	16	138	
AMIS0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	19	214	
AMIS0012	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/13/78	4	36	
AMIS0013	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/67-11/08/67	0	6	
AMIS0014	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/70-10/28/92	21	32	
AMIS0016	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/74-10/29/74	0	30	
AMIS0017	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	14	100	
AMIS0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/74-05/04/78	4	25	
AMIS0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/67-01/27/93	26	92	
AMIS0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	19	125	
AMIS0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/20/67-11/08/67	0	4	
AMIS0026	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/88-06/21/88	0	2	
AMIS0027	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/88-06/21/88	0	2	
AMIS0028	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/70-04/11/91	20	20	
AMIS0030	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	5	172	
AMIS0032	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	20	237	
AMIS0033	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	20	156	
AMIS0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	15	181	
AMIS0035	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/70-10/28/92	22	27	
AMIS0038	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/83-10/28/87	4	7	
AMIS0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-08/08/73	1	20	
AMIS0042	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-08/29/75	3	37	
AMIS0043	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-08/29/75	3	38	
AMIS0044	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/74-10/29/74	0	31	
AMIS0046	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	20	364	
AMIS0047	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/83-02/25/93	9	24	
AMIS0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/13/78	5	179	
AMIS0049	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	5	159	
AMIS0050	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	20	215	
AMIS0052	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/74-10/29/74	0	30	
AMIS0057	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/74-10/30/74	0	22	
AMIS0058	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/67-03/06/68	1	8	
AMIS0059	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	14	114	
AMIS0061	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/86-12/14/86	0	10	
AMIS0063	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/13/86-12/13/86	0	1	
AMIS0064	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/13/86-12/14/86	0	10	
AMIS0066	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/74-10/30/74	0	21	
AMIS0067	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/09/86-12/14/86	0	9	
AMIS0068	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/09/86-12/14/86	0	11	
AMIS0069	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/09/86-12/13/86	0	3	
AMIS0071	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/86-12/11/86	0	1	
AMIS0074	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	24	215	
AMIS0075	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/30/74-03/01/93	18	121	
AMIS0077	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	6	54	
AMIS0079	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	6	57	
AMIS0083	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	23	141	
AMIS0084	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/30/74-01/26/93	18	103	
AMIS0002	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	7	78	
AMIS0005	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/27/77-08/22/79	1	3	
AMIS0008	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	9	71	
AMIS0011	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	12	121	
AMIS0012	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-07/13/78	4	31	
AMIS0017	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/28/78-08/20/85	6	47	
AMIS0019	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/27/74-05/04/78	4	23	
AMIS0023	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/21/73-07/24/85	11	53	
AMIS0030	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	5	159	
AMIS0032	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	12	161	
AMIS0033	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/72-08/08/73	1	20	
AMIS0040	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/72-08/08/73	1	20	
AMIS0042	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/72-08/29/75	3	37	
AMIS0043	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/72-08/29/75	3	38	
AMIS0046	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	13	219	A
AMIS0048	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-07/13/78	5	164	
AMIS0049	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	5	146	
AMIS0050	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	12	149	
AMIS0059	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/28/78-08/20/85	6	52	
AMIS0074	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	16	107	
AMIS0077	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	6	52	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0079	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	6	55	
AMIS0083	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	10	94	
AMIS0046	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/21/83-01/23/84	0	2	
AMIS0022	Yes	00023	SAMPLE WEIGHT IN POUNDS	10/26/76-10/26/76	0	3	
AMIS0023	No	00023	SAMPLE WEIGHT IN POUNDS	05/23/84-05/23/84	0	2	
AMIS0065	No	00023	SAMPLE WEIGHT IN POUNDS	10/06/76-10/06/76	0	4	
AMIS0074	No	00023	SAMPLE WEIGHT IN POUNDS	08/21/85-06/25/86	0	2	
AMIS0022	Yes	00024	SAMPLE LENGTH IN INCHES	10/26/76-10/26/76	0	3	
AMIS0023	No	00024	SAMPLE LENGTH IN INCHES	05/23/84-06/29/89	5	3	
AMIS0065	No	00024	SAMPLE LENGTH IN INCHES	10/06/76-10/06/76	0	4	
AMIS0074	No	00024	SAMPLE LENGTH IN INCHES	08/21/85-06/20/90	4	4	
AMIS0021	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/82-01/27/93	10	50	
AMIS0075	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/27/82-03/01/93	10	62	
AMIS0084	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/27/82-01/26/93	10	40	
AMIS0016	No	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	05/14/74-10/29/74	0	5	
AMIS0044	Yes	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	05/14/74-10/29/74	0	4	
AMIS0052	No	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	08/06/74-10/29/74	0	4	
AMIS0057	Yes	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	05/15/74-08/07/74	0	3	
AMIS0066	No	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	08/07/74-10/30/74	0	4	
AMIS0005	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/21/88-06/21/88	0	1	
AMIS0008	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/21/88-06/21/88	0	1	
AMIS0011	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/21/88-06/21/88	0	1	
AMIS0026	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/21/88-06/21/88	0	1	
AMIS0027	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/21/88-06/21/88	0	1	
AMIS0034	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/01/75-09/21/77	1	24	
AMIS0075	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/01/74-09/21/77	2	48	
AMIS0078	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/01/64-10/01/64	0	1	
AMIS0084	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/01/74-08/23/77	2	48	
AMIS0002	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-08/18/76	2	18	
AMIS0005	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/27/77-08/22/79	1	3	
AMIS0008	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	16	133	
AMIS0011	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	19	177	
AMIS0012	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/13/78	4	26	
AMIS0019	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/74-05/04/78	4	24	
AMIS0021	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/17/78-01/27/93	15	84	
AMIS0023	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/73-07/06/93	19	109	
AMIS0033	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	10	132	
AMIS0034	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	16	186	
AMIS0038	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/20/83-01/23/84	0	2	
AMIS0046	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/81-01/25/90	8	2	
AMIS0047	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/84-01/23/86	2	2	
AMIS0067	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/09/86-12/09/86	0	1	
AMIS0068	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/09/86-12/10/86	0	4	
AMIS0069	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/09/86-12/09/86	0	1	
AMIS0074	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	21	139	
AMIS0075	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-03/01/93	16	103	
AMIS0077	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-05/01/78	6	30	
AMIS0079	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-05/01/78	4	31	
AMIS0083	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-08/25/92	18	83	
AMIS0084	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/01/76-01/26/93	17	86	
AMIS0048	No	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/75-06/10/75	0	1	
AMIS0049	No	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	08/18/76-08/18/76	0	1	
AMIS0050	No	00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	08/18/76-08/18/76	0	1	
AMIS0011	No	00064	DEPTH OF STREAM, MEAN (FT)	03/14/88-03/14/88	0	1	
AMIS0034	No	00065	STAGE, STREAM (FEET)	07/20/83-10/17/84	1	5	
AMIS0002	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	7	76	
AMIS0005	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/27/77-08/22/79	1	3	
AMIS0008	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/09/76-11/12/80	4	17	
AMIS0011	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/18/73-11/12/80	7	41	
AMIS0012	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/18/73-05/01/78	4	30	
AMIS0017	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/13/79-08/21/79	0	3	
AMIS0019	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/27/74-05/04/78	4	25	
AMIS0021	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/17/78-08/08/78	0	6	
AMIS0023	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/73-11/13/80	6	38	
AMIS0030	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-05/02/78	5	30	
AMIS0032	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-08/21/79	6	35	
AMIS0033	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/72-08/08/73	1	20	
AMIS0040	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/72-08/08/73	1	20	
AMIS0042	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/72-08/29/75	3	37	
AMIS0043	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/72-08/29/75	3	38	
AMIS0046	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-08/21/79	6	34	
AMIS0048	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-05/02/78	5	30	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0049	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-05/02/78	5	27	
AMIS0050	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-08/21/79	6	31	
AMIS0059	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/13/79-08/21/79	0	3	
AMIS0074	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	11	91	
AMIS0075	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/30/74-09/14/78	3	29	
AMIS0077	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	6	54	
AMIS0079	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	6	57	
AMIS0083	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	10	91	
AMIS0084	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/30/74-09/14/78	3	31	
AMIS0016	No	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/05/74-10/29/74	0	30	
AMIS0044	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/05/74-10/29/74	0	31	
AMIS0052	No	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/06/74-10/29/74	0	30	
AMIS0057	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	05/15/74-10/30/74	0	22	
AMIS0066	No	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/06/74-10/30/74	0	21	
AMIS0021	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/24/78-01/27/93	14	76	
AMIS0023	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/81-08/26/92	10	52	
AMIS0074	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/07/81-08/24/92	10	63	
AMIS0075	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/78-03/01/93	14	90	
AMIS0083	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/07/81-08/25/92	10	45	
AMIS0084	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/78-01/26/93	14	70	
AMIS0005	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/14/88-03/14/88	0	1	
AMIS0008	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/04/86-06/21/88	1	4	
AMIS0011	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/14/77-01/25/90	12	102	
AMIS0012	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/14/77-07/13/78	0	6	
AMIS0016	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/05/74-10/29/74	0	4	
AMIS0017	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/28/78-03/17/88	9	13	
AMIS0023	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/17/87-12/15/88	1	4	
AMIS0026	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/14/88-06/21/88	0	2	
AMIS0027	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/14/88-03/14/88	0	1	
AMIS0030	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-05/02/78	1	7	
AMIS0032	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-03/17/88	11	21	
AMIS0044	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/05/74-10/29/74	0	4	
AMIS0046	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	13	104	
AMIS0048	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-07/13/78	1	11	
AMIS0049	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-05/02/78	1	6	
AMIS0050	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-03/17/88	11	18	
AMIS0052	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/06/74-10/29/74	0	4	
AMIS0057	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/15/74-10/30/74	0	3	
AMIS0059	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/28/78-03/17/88	9	12	
AMIS0061	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/11/86-12/14/86	0	4	
AMIS0063	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/11/86-12/13/86	0	2	
AMIS0064	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/13/86-12/14/86	0	2	
AMIS0066	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/06/74-10/30/74	0	4	
AMIS0067	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/09/86-12/14/86	0	5	
AMIS0068	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/09/86-12/14/86	0	6	
AMIS0069	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/09/86-12/12/86	0	2	
AMIS0071	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/11/86-12/11/86	0	1	
AMIS0074	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/13/86-11/23/88	1	6	
AMIS0008	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/27/89-07/07/93	4	13	
AMIS0011	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/27/89-07/07/93	4	34	
AMIS0017	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/05/89-07/08/93	3	8	
AMIS0023	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/07/89-07/06/93	3	9	
AMIS0032	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/19/90-07/08/93	3	7	
AMIS0046	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/05/89-07/08/93	3	28	
AMIS0050	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/19/90-07/08/93	3	7	
AMIS0059	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/19/90-07/08/93	3	7	
AMIS0074	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/20/90-07/06/93	3	11	
AMIS0008	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/05/91-03/16/93	1	3	
AMIS0011	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	10/10/91-03/16/93	1	6	
AMIS0017	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/04/92-10/13/92	0	3	
AMIS0023	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/03/91-03/18/93	1	5	
AMIS0032	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/04/92-10/13/92	0	3	
AMIS0046	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/04/92-10/13/92	0	3	
AMIS0050	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/04/92-10/13/92	0	3	
AMIS0059	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/04/92-10/13/92	0	2	
AMIS0074	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/04/91-03/17/93	1	7	
AMIS0002	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/09/72-08/18/76	4	38	
AMIS0005	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/78-06/21/88	9	4	
AMIS0008	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/09/76-07/07/93	16	70	
AMIS0011	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	19	209	A
AMIS0012	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/13/78	4	34	
AMIS0016	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	03/05/74-10/29/74	0	30	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0017	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	14	95	
AMIS0019	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/74-05/04/78	4	23	
AMIS0023	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/21/73-07/06/93	19	66	
AMIS0026	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/14/88-06/21/88	0	2	
AMIS0027	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/14/88-06/21/88	0	2	
AMIS0030	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	5	175	
AMIS0032	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	20	237	T,A
AMIS0033	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/10/72-11/25/85	13	21	
AMIS0034	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/80-10/15/80	0	1	
AMIS0040	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/10/72-08/08/73	1	16	
AMIS0042	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/10/72-08/29/75	3	34	
AMIS0043	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/10/72-08/29/75	3	34	
AMIS0044	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/74-10/29/74	0	31	
AMIS0046	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	20	377	T,A
AMIS0048	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/13/78	5	188	
AMIS0049	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	5	166	
AMIS0050	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	20	225	T,A
AMIS0052	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/06/74-10/29/74	0	30	
AMIS0057	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/74-10/30/74	0	22	
AMIS0059	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	14	121	
AMIS0061	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/11/86-12/14/86	0	13	
AMIS0063	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/13/86-12/13/86	0	1	
AMIS0064	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/13/86-12/14/86	0	10	
AMIS0066	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/06/74-10/30/74	0	21	
AMIS0067	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/11/86-12/14/86	0	11	
AMIS0068	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/10/86-12/14/86	0	12	
AMIS0069	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/86-12/13/86	0	3	
AMIS0071	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/11/86-12/11/86	0	1	
AMIS0074	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/04/71-07/06/93	21	110	
AMIS0075	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/08/80-10/08/80	0	1	
AMIS0077	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/04/71-05/01/78	6	45	
AMIS0079	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/08/72-05/01/78	6	48	
AMIS0083	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/08/72-06/25/86	14	55	
AMIS0084	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/08/80-10/08/80	0	1	
AMIS0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/68-08/18/76	7	57	
AMIS0004	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/67-07/05/67	0	4	
AMIS0005	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/77-06/21/88	10	5	
AMIS0007	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/67-03/05/68	1	8	
AMIS0008	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/09/76-06/21/88	11	46	
AMIS0011	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	14	135	
AMIS0012	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-05/01/78	4	24	
AMIS0013	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/11/67-11/08/67	0	6	
AMIS0014	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/03/70-10/28/92	21	32	
AMIS0016	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/74-10/29/74	0	30	
AMIS0017	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/78-03/17/88	9	16	
AMIS0019	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/74-05/04/78	4	17	
AMIS0021	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/67-01/27/93	26	92	S
AMIS0023	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/09/74-08/26/92	18	103	
AMIS0025	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/20/67-03/13/68	1	5	
AMIS0026	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/14/88-06/21/88	0	2	
AMIS0027	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/14/88-06/21/88	0	2	
AMIS0028	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/70-04/11/91	20	21	
AMIS0030	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-08/17/77	4	17	
AMIS0032	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-03/17/88	15	35	
AMIS0033	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	20	145	T,A
AMIS0034	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	21	263	T,A
AMIS0035	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/70-10/28/92	22	27	
AMIS0038	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/83-10/28/87	4	8	
AMIS0040	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-07/11/73	1	8	
AMIS0042	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-08/29/75	3	15	
AMIS0043	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-08/29/75	3	16	
AMIS0044	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/74-10/29/74	0	31	
AMIS0046	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	15	113	
AMIS0047	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/83-02/25/93	9	24	
AMIS0048	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-05/02/78	5	26	
AMIS0049	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-08/17/77	4	17	
AMIS0050	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-03/17/88	15	35	
AMIS0052	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/06/74-10/29/74	0	30	
AMIS0057	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/74-10/30/74	0	22	
AMIS0058	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/11/67-03/06/68	1	8	
AMIS0059	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/78-03/17/88	9	16	
AMIS0061	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	12/14/86-12/14/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0066	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/06/74-10/30/74	0	21	
AMIS0067	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/09/86-12/14/86	0	2	
AMIS0068	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/09/86-12/14/86	0	5	
AMIS0069	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/09/86-12/09/86	0	1	
AMIS0074	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	23	167	T,S
AMIS0075	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-03/01/93	22	190	T,S
AMIS0077	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/71-05/01/78	6	31	
AMIS0078	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/64-09/01/73	8	32	
AMIS0079	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/71-05/01/78	6	30	
AMIS0083	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/68-08/25/92	23	115	S
AMIS0084	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/73-01/26/93	19	142	
AMIS0012	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/21/73-07/13/78	4	7	
AMIS0030	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-02/07/78	4	129	
AMIS0042	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/21/73-11/21/73	0	1	
AMIS0048	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-07/13/78	4	137	
AMIS0049	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-05/02/78	4	127	
AMIS0077	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/20/73-11/20/73	0	1	
AMIS0079	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/20/73-11/20/73	0	1	
AMIS0002	No	00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	7	77	
AMIS0005	No	00300	OXYGEN, DISSOLVED MG/L	09/27/77-06/21/88	10	5	
AMIS0008	No	00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	16	137	
AMIS0011	No	00300	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	19	211	A
AMIS0012	No	00300	OXYGEN, DISSOLVED MG/L	09/18/73-05/01/78	4	28	
AMIS0016	No	00300	OXYGEN, DISSOLVED MG/L	03/05/74-10/29/74	0	28	
AMIS0017	Yes	00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	14	99	
AMIS0019	No	00300	OXYGEN, DISSOLVED MG/L	03/27/74-05/04/78	4	24	
AMIS0021	No	00300	OXYGEN, DISSOLVED MG/L	01/17/78-01/27/93	15	84	
AMIS0023	No	00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	19	124	
AMIS0026	No	00300	OXYGEN, DISSOLVED MG/L	03/14/88-06/21/88	0	2	
AMIS0027	No	00300	OXYGEN, DISSOLVED MG/L	03/14/88-06/21/88	0	2	
AMIS0030	Yes	00300	OXYGEN, DISSOLVED MG/L	10/04/72-05/02/78	5	25	
AMIS0032	Yes	00300	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	20	222	T,A
AMIS0033	No	00300	OXYGEN, DISSOLVED MG/L	01/13/72-11/25/85	13	25	
AMIS0040	No	00300	OXYGEN, DISSOLVED MG/L	01/13/72-08/08/73	1	20	
AMIS0042	Yes	00300	OXYGEN, DISSOLVED MG/L	01/13/72-08/29/75	3	36	
AMIS0043	Yes	00300	OXYGEN, DISSOLVED MG/L	01/13/72-08/29/75	3	38	
AMIS0044	Yes	00300	OXYGEN, DISSOLVED MG/L	03/05/74-10/29/74	0	29	
AMIS0046	Yes	00300	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	20	349	T,A
AMIS0048	No	00300	OXYGEN, DISSOLVED MG/L	10/04/72-05/02/78	5	25	
AMIS0049	No	00300	OXYGEN, DISSOLVED MG/L	10/04/72-02/12/75	2	19	
AMIS0050	No	00300	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	20	201	T,A
AMIS0052	No	00300	OXYGEN, DISSOLVED MG/L	03/06/74-10/29/74	0	28	
AMIS0057	Yes	00300	OXYGEN, DISSOLVED MG/L	05/15/74-10/30/74	0	21	
AMIS0059	Yes	00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	14	113	
AMIS0061	Yes	00300	OXYGEN, DISSOLVED MG/L	12/11/86-12/14/86	0	11	
AMIS0063	Yes	00300	OXYGEN, DISSOLVED MG/L	12/13/86-12/13/86	0	1	
AMIS0064	Yes	00300	OXYGEN, DISSOLVED MG/L	12/13/86-12/14/86	0	10	
AMIS0066	No	00300	OXYGEN, DISSOLVED MG/L	03/06/74-10/30/74	0	20	
AMIS0067	Yes	00300	OXYGEN, DISSOLVED MG/L	12/09/86-12/14/86	0	10	
AMIS0068	Yes	00300	OXYGEN, DISSOLVED MG/L	12/09/86-12/14/86	0	11	
AMIS0069	Yes	00300	OXYGEN, DISSOLVED MG/L	12/09/86-12/13/86	0	4	
AMIS0071	Yes	00300	OXYGEN, DISSOLVED MG/L	12/11/86-12/11/86	0	1	
AMIS0074	No	00300	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	24	213	T,A,S
AMIS0075	No	00300	OXYGEN, DISSOLVED MG/L	10/30/74-03/01/93	18	121	
AMIS0077	No	00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	6	52	
AMIS0079	No	00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	6	55	
AMIS0083	No	00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	23	139	S
AMIS0084	No	00300	OXYGEN, DISSOLVED MG/L	10/30/74-01/26/93	18	102	
AMIS0008	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/14/91-03/16/93	2	6	
AMIS0011	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/10/91-03/16/93	1	6	
AMIS0017	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/04/92-10/13/92	0	3	
AMIS0021	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/17/78-02/01/83	5	37	
AMIS0023	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/08/81-03/18/93	11	14	
AMIS0032	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/04/92-10/13/92	0	3	
AMIS0046	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/13/91-10/13/92	1	5	
AMIS0050	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/04/92-10/13/92	0	3	
AMIS0059	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/13/91-10/13/92	1	3	
AMIS0074	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/07/81-03/17/93	11	17	
AMIS0075	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/30/74-02/02/83	8	62	
AMIS0083	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/07/81-02/02/83	1	8	
AMIS0084	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/30/74-02/02/83	8	64	
AMIS0005	No	00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	03/14/88-06/21/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0008	No	00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	03/15/88-06/21/88	0	2	
AMIS0011	No	00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	03/15/88-06/21/88	0	2	
AMIS0026	No	00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	03/14/88-06/21/88	0	2	
AMIS0027	No	00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	03/14/88-06/21/88	0	2	
AMIS0074	No	00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	10/25/89-10/25/89	0	1	
AMIS0005	No	00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	03/14/88-06/21/88	0	2	
AMIS0008	No	00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	03/15/88-06/21/88	0	2	
AMIS0011	No	00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	03/15/88-06/21/88	0	2	
AMIS0026	No	00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	03/14/88-06/21/88	0	2	
AMIS0027	No	00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	03/14/88-06/21/88	0	2	
AMIS0074	No	00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	10/25/89-10/25/89	0	1	
AMIS0005	No	00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	03/14/88-06/21/88	0	2	
AMIS0008	No	00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	03/15/88-06/21/88	0	2	
AMIS0011	No	00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	03/15/88-06/21/88	0	2	
AMIS0026	No	00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	03/14/88-06/21/88	0	2	
AMIS0027	No	00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	03/14/88-06/21/88	0	2	
AMIS0074	No	00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	10/25/89-10/25/89	0	1	
AMIS0002	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/68-07/11/73	4	43	
AMIS0005	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/27/77-09/27/77	0	1	
AMIS0008	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/12/80-07/23/87	6	2	
AMIS0011	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	14	131	
AMIS0012	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-05/01/78	0	3	
AMIS0021	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/78-01/27/93	15	83	
AMIS0023	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/81-08/26/92	10	54	
AMIS0030	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-07/11/73	0	4	
AMIS0032	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-07/11/73	0	4	
AMIS0033	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/13/72-11/25/85	13	13	
AMIS0040	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/13/72-07/11/73	1	8	
AMIS0042	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/13/72-04/16/73	1	6	
AMIS0043	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/13/72-04/16/73	1	6	
AMIS0046	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-11/18/92	20	113	
AMIS0048	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-05/02/78	5	7	
AMIS0049	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-07/11/73	0	4	
AMIS0050	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-07/11/73	0	4	
AMIS0074	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	23	114	S
AMIS0075	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/30/74-03/01/93	18	121	
AMIS0077	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/21/71-07/12/73	1	11	
AMIS0079	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/21/71-07/12/73	1	11	
AMIS0083	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/68-08/25/92	23	89	S
AMIS0084	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/30/74-01/26/93	18	102	
AMIS0005	No	00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	03/14/88-06/21/88	0	2	
AMIS0008	No	00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	03/15/88-06/21/88	0	2	
AMIS0011	No	00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	03/15/88-06/21/88	0	2	
AMIS0026	No	00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	03/14/88-06/21/88	0	2	
AMIS0027	No	00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	03/14/88-06/21/88	0	2	
AMIS0074	No	00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	10/25/89-10/25/89	0	1	
AMIS0059	Yes	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/28/78-11/28/78	0	2	
AMIS0074	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/73-11/27/78	4	4	
AMIS0077	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/73-11/07/77	3	3	
AMIS0079	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/73-11/07/77	3	2	
AMIS0083	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/73-11/27/78	4	3	
AMIS0079	No	00340	COD, .25N K2CR2O7 MG/L	06/09/75-08/17/76	1	2	
AMIS0083	No	00340	COD, .25N K2CR2O7 MG/L	06/09/75-08/17/76	1	2	
AMIS0084	No	00340	COD, .25N K2CR2O7 MG/L	02/11/81-02/11/81	0	1	
AMIS0002	No	00400	PH (STANDARD UNITS)	02/09/72-08/18/76	4	40	
AMIS0004	No	00400	PH (STANDARD UNITS)	01/10/67-07/05/67	0	4	
AMIS0005	No	00400	PH (STANDARD UNITS)	09/27/77-03/14/88	10	4	
AMIS0007	No	00400	PH (STANDARD UNITS)	01/10/67-03/05/68	1	8	
AMIS0008	No	00400	PH (STANDARD UNITS)	11/09/76-07/07/93	16	61	
AMIS0011	No	00400	PH (STANDARD UNITS)	09/18/73-07/07/93	19	196	A
AMIS0012	No	00400	PH (STANDARD UNITS)	09/18/73-07/13/78	4	33	
AMIS0013	No	00400	PH (STANDARD UNITS)	01/11/67-11/08/67	0	6	
AMIS0014	No	00400	PH (STANDARD UNITS)	11/03/70-10/28/92	21	32	
AMIS0016	No	00400	PH (STANDARD UNITS)	03/05/74-10/29/74	0	30	
AMIS0017	Yes	00400	PH (STANDARD UNITS)	11/28/78-07/08/93	14	72	
AMIS0019	No	00400	PH (STANDARD UNITS)	03/27/74-05/04/78	4	24	
AMIS0021	No	00400	PH (STANDARD UNITS)	01/10/67-01/27/93	26	92	S
AMIS0023	No	00400	PH (STANDARD UNITS)	11/21/73-07/06/93	19	117	
AMIS0025	No	00400	PH (STANDARD UNITS)	01/20/67-03/13/68	1	5	
AMIS0026	No	00400	PH (STANDARD UNITS)	03/14/88-03/14/88	0	1	
AMIS0027	No	00400	PH (STANDARD UNITS)	03/14/88-03/14/88	0	1	
AMIS0028	No	00400	PH (STANDARD UNITS)	11/04/70-04/11/91	20	20	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0030	Yes	00400	PH (STANDARD UNITS)	01/17/73-05/02/78	5	116	
AMIS0032	Yes	00400	PH (STANDARD UNITS)	01/17/73-07/08/93	20	157	T
AMIS0033	No	00400	PH (STANDARD UNITS)	02/10/72-09/16/92	20	153	T,A
AMIS0034	No	00400	PH (STANDARD UNITS)	03/01/71-02/17/93	21	262	T,A
AMIS0035	No	00400	PH (STANDARD UNITS)	04/06/71-10/28/92	21	26	
AMIS0038	Yes	00400	PH (STANDARD UNITS)	04/20/83-10/28/87	4	8	
AMIS0040	No	00400	PH (STANDARD UNITS)	02/10/72-08/08/73	1	17	
AMIS0042	Yes	00400	PH (STANDARD UNITS)	02/10/72-08/29/75	3	33	
AMIS0043	Yes	00400	PH (STANDARD UNITS)	02/10/72-08/29/75	3	34	
AMIS0044	Yes	00400	PH (STANDARD UNITS)	03/05/74-10/29/74	0	31	
AMIS0046	Yes	00400	PH (STANDARD UNITS)	01/17/73-07/08/93	20	275	T,A
AMIS0047	Yes	00400	PH (STANDARD UNITS)	04/20/83-02/25/93	9	24	
AMIS0048	No	00400	PH (STANDARD UNITS)	01/17/73-07/13/78	5	121	
AMIS0049	No	00400	PH (STANDARD UNITS)	01/17/73-05/02/78	5	114	
AMIS0050	No	00400	PH (STANDARD UNITS)	01/17/73-07/08/93	20	156	T
AMIS0052	No	00400	PH (STANDARD UNITS)	03/06/74-10/29/74	0	30	
AMIS0057	Yes	00400	PH (STANDARD UNITS)	05/15/74-10/30/74	0	22	
AMIS0058	Yes	00400	PH (STANDARD UNITS)	01/11/67-03/06/68	1	8	
AMIS0059	Yes	00400	PH (STANDARD UNITS)	11/28/78-07/08/93	14	85	
AMIS0061	Yes	00400	PH (STANDARD UNITS)	12/11/86-12/14/86	0	12	
AMIS0063	Yes	00400	PH (STANDARD UNITS)	12/13/86-12/13/86	0	1	
AMIS0064	Yes	00400	PH (STANDARD UNITS)	12/13/86-12/14/86	0	10	
AMIS0066	No	00400	PH (STANDARD UNITS)	03/06/74-10/30/74	0	21	
AMIS0067	Yes	00400	PH (STANDARD UNITS)	12/09/86-12/14/86	0	11	
AMIS0068	Yes	00400	PH (STANDARD UNITS)	12/09/86-12/14/86	0	12	
AMIS0069	Yes	00400	PH (STANDARD UNITS)	12/09/86-12/13/86	0	4	
AMIS0071	Yes	00400	PH (STANDARD UNITS)	12/11/86-12/11/86	0	1	
AMIS0074	No	00400	PH (STANDARD UNITS)	12/04/71-07/06/93	21	173	T,A
AMIS0075	No	00400	PH (STANDARD UNITS)	03/01/71-03/01/93	22	191	T,S
AMIS0077	No	00400	PH (STANDARD UNITS)	12/04/71-05/01/78	6	47	
AMIS0078	No	00400	PH (STANDARD UNITS)	10/01/64-09/01/73	8	32	
AMIS0079	No	00400	PH (STANDARD UNITS)	02/08/72-05/01/78	6	49	
AMIS0083	No	00400	PH (STANDARD UNITS)	02/08/72-08/25/92	20	101	
AMIS0084	No	00400	PH (STANDARD UNITS)	10/01/73-01/26/93	19	142	
AMIS0002	No	00403	PH, LAB, STANDARD UNITS SU	10/16/68-08/18/76	7	56	
AMIS0005	No	00403	PH, LAB, STANDARD UNITS SU	09/27/77-06/21/88	10	5	
AMIS0008	No	00403	PH, LAB, STANDARD UNITS SU	11/09/76-06/21/88	11	46	
AMIS0011	No	00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	14	135	
AMIS0012	No	00403	PH, LAB, STANDARD UNITS SU	10/17/73-05/01/78	4	24	
AMIS0014	No	00403	PH, LAB, STANDARD UNITS SU	11/05/80-10/28/92	11	13	
AMIS0017	Yes	00403	PH, LAB, STANDARD UNITS SU	11/28/78-03/17/88	9	17	
AMIS0019	No	00403	PH, LAB, STANDARD UNITS SU	03/27/74-05/04/78	4	17	
AMIS0021	No	00403	PH, LAB, STANDARD UNITS SU	01/13/81-01/27/93	12	60	
AMIS0023	No	00403	PH, LAB, STANDARD UNITS SU	01/09/74-12/08/87	13	49	
AMIS0026	No	00403	PH, LAB, STANDARD UNITS SU	03/14/88-06/21/88	0	2	
AMIS0027	No	00403	PH, LAB, STANDARD UNITS SU	03/14/88-06/21/88	0	2	
AMIS0028	No	00403	PH, LAB, STANDARD UNITS SU	11/05/80-04/11/91	10	7	
AMIS0030	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/72-08/17/77	4	17	
AMIS0032	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/05/93	20	37	
AMIS0033	No	00403	PH, LAB, STANDARD UNITS SU	01/13/72-11/25/85	13	13	
AMIS0034	No	00403	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	12	146	A
AMIS0035	No	00403	PH, LAB, STANDARD UNITS SU	11/05/80-10/28/92	11	11	
AMIS0038	Yes	00403	PH, LAB, STANDARD UNITS SU	04/20/83-10/28/87	4	8	
AMIS0040	No	00403	PH, LAB, STANDARD UNITS SU	01/13/72-07/11/73	1	8	
AMIS0042	Yes	00403	PH, LAB, STANDARD UNITS SU	01/13/72-08/29/75	3	15	
AMIS0043	Yes	00403	PH, LAB, STANDARD UNITS SU	01/13/72-08/29/75	3	16	
AMIS0046	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	15	113	
AMIS0047	Yes	00403	PH, LAB, STANDARD UNITS SU	04/20/83-10/26/92	9	22	
AMIS0048	No	00403	PH, LAB, STANDARD UNITS SU	10/04/72-05/02/78	5	26	
AMIS0049	No	00403	PH, LAB, STANDARD UNITS SU	10/04/72-08/17/77	4	17	
AMIS0050	No	00403	PH, LAB, STANDARD UNITS SU	10/04/72-03/17/88	15	34	
AMIS0059	Yes	00403	PH, LAB, STANDARD UNITS SU	11/28/78-03/17/88	9	16	
AMIS0061	Yes	00403	PH, LAB, STANDARD UNITS SU	12/14/86-12/14/86	0	1	
AMIS0067	Yes	00403	PH, LAB, STANDARD UNITS SU	12/09/86-12/14/86	0	2	
AMIS0068	Yes	00403	PH, LAB, STANDARD UNITS SU	12/09/86-12/14/86	0	5	
AMIS0069	Yes	00403	PH, LAB, STANDARD UNITS SU	12/09/86-12/09/86	0	1	
AMIS0074	No	00403	PH, LAB, STANDARD UNITS SU	10/17/68-11/14/90	22	102	S
AMIS0075	No	00403	PH, LAB, STANDARD UNITS SU	10/08/80-03/01/93	12	74	
AMIS0077	No	00403	PH, LAB, STANDARD UNITS SU	10/21/71-05/01/78	6	31	
AMIS0079	No	00403	PH, LAB, STANDARD UNITS SU	10/21/71-05/01/78	6	30	
AMIS0083	No	00403	PH, LAB, STANDARD UNITS SU	09/11/68-06/25/86	17	69	
AMIS0084	No	00403	PH, LAB, STANDARD UNITS SU	10/08/80-01/26/93	12	54	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0014	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/03/70-05/06/80	9	19	
AMIS0021	No	00405	CARBON DIOXIDE (MG/L AS CO2)	01/17/78-09/09/80	2	24	
AMIS0028	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/04/70-05/07/80	9	13	
AMIS0034	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/01/71-09/17/80	9	113	
AMIS0035	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/06/71-05/07/80	9	15	
AMIS0075	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/01/71-07/23/80	9	110	
AMIS0078	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/01/71-09/01/73	2	29	
AMIS0084	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/01/73-07/23/80	6	84	
AMIS0004	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/67-07/05/67	0	4	
AMIS0005	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/77-06/21/88	10	5	
AMIS0007	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/67-03/05/68	1	8	
AMIS0008	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/09/76-07/07/93	16	66	
AMIS0011	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	16	169	A
AMIS0012	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-05/01/78	1	11	
AMIS0013	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/67-11/08/67	0	6	
AMIS0014	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/03/70-10/28/92	21	31	
AMIS0016	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/74-10/29/74	0	20	
AMIS0017	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/28/78-07/08/93	14	29	
AMIS0019	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/09/76-05/04/78	1	7	
AMIS0021	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/67-05/21/91	24	83	S
AMIS0023	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/09/76-03/18/93	16	91	
AMIS0025	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/20/67-03/13/68	1	5	
AMIS0026	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/14/88-06/21/88	0	2	
AMIS0027	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/14/88-06/21/88	0	2	
AMIS0028	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/04/70-04/11/91	20	20	
AMIS0030	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-08/17/77	0	1	
AMIS0032	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-07/05/93	15	30	
AMIS0033	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	10	134	A
AMIS0034	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	21	263	T,A
AMIS0035	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/71-10/28/92	21	26	
AMIS0038	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/83-10/28/87	4	8	
AMIS0044	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/74-10/29/74	0	23	
AMIS0046	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	16	140	
AMIS0047	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/83-02/25/93	9	22	
AMIS0048	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-05/02/78	1	10	
AMIS0049	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-08/17/77	0	1	
AMIS0050	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-07/08/93	15	30	
AMIS0052	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/06/74-10/29/74	0	20	
AMIS0057	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/15/74-10/30/74	0	13	
AMIS0058	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/67-03/06/68	1	8	
AMIS0059	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/28/78-07/08/93	14	27	
AMIS0061	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/14/86-12/14/86	0	1	
AMIS0066	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/06/74-10/30/74	0	17	
AMIS0067	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/09/86-12/14/86	0	2	
AMIS0068	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/09/86-12/14/86	0	5	
AMIS0069	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/09/86-12/09/86	0	1	
AMIS0074	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	16	120	
AMIS0075	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-07/02/91	20	176	
AMIS0077	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-05/01/78	1	7	
AMIS0078	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-09/01/73	2	31	
AMIS0079	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-05/01/78	1	7	
AMIS0083	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-05/22/91	14	50	
AMIS0084	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/01/73-05/22/91	17	129	
AMIS0074	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/12/91-03/12/91	0	1	
AMIS0084	No	00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	11/19/86-11/19/86	0	1	
AMIS0034	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/15/80-10/15/80	0	1	
AMIS0084	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/08/80-10/08/80	0	1	
AMIS0004	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/10/67-07/05/67	0	4	
AMIS0007	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/10/67-03/05/68	1	8	
AMIS0013	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/11/67-11/08/67	0	6	
AMIS0014	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/03/70-05/06/80	9	19	
AMIS0021	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/10/67-11/06/90	23	51	S
AMIS0025	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/20/67-03/13/68	1	5	
AMIS0028	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/04/70-05/07/80	9	13	
AMIS0034	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/01/71-09/17/80	9	115	
AMIS0035	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/06/71-05/07/80	9	15	
AMIS0058	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/11/67-03/06/68	1	8	
AMIS0061	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/14/86-12/14/86	0	1	
AMIS0068	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/14/86-12/14/86	0	1	
AMIS0069	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/14/86-12/14/86	0	1	
AMIS0074	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/23/87-06/30/92	5	19	
AMIS0075	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/01/71-11/07/90	19	136	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0078	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/01/64-09/01/73	8	32	
AMIS0084	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/01/73-11/07/90	17	102	
AMIS0004	No	00445	CARBONATE ION (MG/L AS CO3)	01/10/67-07/05/67	0	4	
AMIS0007	No	00445	CARBONATE ION (MG/L AS CO3)	01/10/67-03/05/68	1	8	
AMIS0013	No	00445	CARBONATE ION (MG/L AS CO3)	01/11/67-11/08/67	0	6	
AMIS0014	No	00445	CARBONATE ION (MG/L AS CO3)	11/03/70-05/06/80	9	19	
AMIS0021	No	00445	CARBONATE ION (MG/L AS CO3)	01/10/67-11/06/90	23	51	S
AMIS0025	No	00445	CARBONATE ION (MG/L AS CO3)	01/20/67-03/13/68	1	5	
AMIS0028	No	00445	CARBONATE ION (MG/L AS CO3)	07/10/70-05/07/80	9	14	
AMIS0034	No	00445	CARBONATE ION (MG/L AS CO3)	03/01/71-09/17/80	9	115	
AMIS0035	No	00445	CARBONATE ION (MG/L AS CO3)	04/06/71-05/07/80	9	15	
AMIS0058	Yes	00445	CARBONATE ION (MG/L AS CO3)	01/11/67-03/06/68	1	8	
AMIS0061	Yes	00445	CARBONATE ION (MG/L AS CO3)	12/14/86-12/14/86	0	1	
AMIS0068	Yes	00445	CARBONATE ION (MG/L AS CO3)	12/14/86-12/14/86	0	1	
AMIS0069	Yes	00445	CARBONATE ION (MG/L AS CO3)	12/14/86-12/14/86	0	1	
AMIS0074	No	00445	CARBONATE ION (MG/L AS CO3)	06/23/87-03/03/92	4	18	
AMIS0075	No	00445	CARBONATE ION (MG/L AS CO3)	03/01/71-11/07/90	19	136	
AMIS0078	No	00445	CARBONATE ION (MG/L AS CO3)	10/01/64-09/01/73	8	32	
AMIS0084	No	00445	CARBONATE ION (MG/L AS CO3)	10/01/73-11/07/90	17	102	
AMIS0021	No	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	01/06/87-11/17/87	0	4	
AMIS0075	No	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11/19/86-11/18/87	0	7	
AMIS0084	No	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	06/11/86-11/18/87	1	5	
AMIS0021	No	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	01/06/87-11/17/87	0	4	
AMIS0075	No	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11/19/86-11/18/87	0	7	
AMIS0084	No	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	06/11/86-11/18/87	1	5	
AMIS0021	No	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/17/87-01/27/93	5	22	
AMIS0075	No	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/18/87-03/01/93	5	31	
AMIS0084	No	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/18/87-01/26/93	5	22	
AMIS0021	No	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/17/87-01/27/93	5	22	
AMIS0075	No	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/18/87-03/01/93	5	31	
AMIS0084	No	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/18/87-01/26/93	5	22	
AMIS0008	No	00480	SALINITY - PARTS PER THOUSAND	06/06/91-12/05/91	0	3	
AMIS0011	No	00480	SALINITY - PARTS PER THOUSAND	10/10/91-12/05/91	0	2	
AMIS0017	Yes	00480	SALINITY - PARTS PER THOUSAND	03/04/92-03/04/92	0	1	
AMIS0023	No	00480	SALINITY - PARTS PER THOUSAND	06/03/91-12/03/91	0	2	
AMIS0032	Yes	00480	SALINITY - PARTS PER THOUSAND	03/04/92-03/04/92	0	1	
AMIS0046	Yes	00480	SALINITY - PARTS PER THOUSAND	03/04/92-03/04/92	0	1	
AMIS0050	No	00480	SALINITY - PARTS PER THOUSAND	03/04/92-03/04/92	0	1	
AMIS0059	Yes	00480	SALINITY - PARTS PER THOUSAND	03/04/92-03/04/92	0	1	
AMIS0074	No	00480	SALINITY - PARTS PER THOUSAND	12/08/87-03/17/93	5	8	
AMIS0032	Yes	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	05/15/79-05/15/79	0	1	
AMIS0046	Yes	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	08/24/82-08/24/82	0	1	
AMIS0050	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	05/15/79-08/20/85	6	2	
AMIS0059	Yes	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	08/24/82-07/02/92	9	8	
AMIS0074	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	06/23/88-06/23/88	0	1	
AMIS0011	No	00500	RESIDUE, TOTAL (MG/L)	08/29/75-08/29/75	0	1	
AMIS0012	No	00500	RESIDUE, TOTAL (MG/L)	08/29/75-08/29/75	0	1	
AMIS0030	Yes	00500	RESIDUE, TOTAL (MG/L)	02/12/75-02/12/75	0	1	
AMIS0034	No	00500	RESIDUE, TOTAL (MG/L)	03/01/71-09/01/73	2	31	
AMIS0048	No	00500	RESIDUE, TOTAL (MG/L)	02/12/75-02/12/75	0	1	
AMIS0049	No	00500	RESIDUE, TOTAL (MG/L)	02/12/75-02/12/75	0	1	
AMIS0074	No	00500	RESIDUE, TOTAL (MG/L)	08/29/75-08/29/75	0	1	
AMIS0075	No	00500	RESIDUE, TOTAL (MG/L)	03/01/71-09/01/73	2	31	
AMIS0077	No	00500	RESIDUE, TOTAL (MG/L)	08/29/75-08/29/75	0	1	
AMIS0078	No	00500	RESIDUE, TOTAL (MG/L)	03/01/71-09/01/73	2	31	
AMIS0084	No	00500	RESIDUE, TOTAL (MG/L)	08/05/81-08/05/81	0	1	
AMIS0011	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/29/75-08/29/75	0	1	
AMIS0043	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/29/75-08/29/75	0	1	
AMIS0074	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/29/75-08/29/75	0	1	
AMIS0034	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/01/73-12/01/74	1	13	
AMIS0075	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/01/73-12/01/74	1	14	
AMIS0084	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/01/73-12/01/74	1	13	
AMIS0002	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/12/72-08/18/76	4	21	
AMIS0005	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/27/77-06/21/88	10	4	
AMIS0008	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/76-07/07/93	16	68	
AMIS0011	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	19	195	A
AMIS0012	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-05/01/78	4	23	
AMIS0017	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/28/78-07/08/93	14	28	
AMIS0019	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/74-05/04/78	4	17	
AMIS0023	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/74-03/18/93	19	59	
AMIS0026	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/88-06/21/88	0	1	
AMIS0027	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/14/88-06/21/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0030	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-08/17/77	4	16	
AMIS0032	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/05/93	20	48	
AMIS0033	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/12/72-11/25/85	13	12	
AMIS0040	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/12/72-07/11/73	1	7	
AMIS0042	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/12/72-08/29/75	3	14	
AMIS0043	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/12/72-08/29/75	3	15	
AMIS0046	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	20	164	T
AMIS0048	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-05/02/78	5	25	
AMIS0049	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-08/17/77	4	16	
AMIS0050	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	20	46	
AMIS0059	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/28/78-07/08/93	14	30	
AMIS0061	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/14/86-12/14/86	0	1	
AMIS0067	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/09/86-12/14/86	0	2	
AMIS0068	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/09/86-12/14/86	0	5	
AMIS0069	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/09/86-12/09/86	0	1	
AMIS0074	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-07/06/93	21	92	
AMIS0077	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-05/01/78	6	26	
AMIS0079	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-05/01/78	6	26	
AMIS0083	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-06/25/86	14	33	
AMIS0002	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/06/72-08/18/76	4	15	
AMIS0005	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/27/77-06/21/88	10	5	
AMIS0008	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/09/76-07/07/93	16	68	
AMIS0011	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	19	194	A
AMIS0012	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-05/01/78	4	24	
AMIS0017	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/28/78-07/08/93	14	26	
AMIS0019	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/27/74-05/04/78	4	17	
AMIS0023	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/74-03/18/93	19	59	
AMIS0026	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/14/88-06/21/88	0	2	
AMIS0027	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/14/88-06/21/88	0	2	
AMIS0030	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-08/17/77	3	13	
AMIS0032	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/05/93	19	44	
AMIS0033	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/06/72-11/25/85	13	7	
AMIS0040	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/06/72-07/11/73	1	2	
AMIS0042	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/13/72-08/29/75	3	10	
AMIS0043	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/13/72-05/07/75	2	10	
AMIS0046	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	19	159	
AMIS0048	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-05/02/78	4	22	
AMIS0049	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-08/17/77	3	13	
AMIS0050	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	19	41	
AMIS0059	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/28/78-07/08/93	14	26	
AMIS0061	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/14/86-12/14/86	0	1	
AMIS0067	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/09/86-12/14/86	0	2	
AMIS0068	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/09/86-12/14/86	0	5	
AMIS0069	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/09/86-12/09/86	0	1	
AMIS0074	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/14/72-07/06/93	21	89	
AMIS0077	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/14/72-05/01/78	5	24	
AMIS0079	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/11/72-05/01/78	6	25	
AMIS0083	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/11/72-06/25/86	14	32	
AMIS0032	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	05/15/79-05/15/79	0	1	
AMIS0046	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	08/24/82-08/24/82	0	1	
AMIS0050	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	05/15/79-08/20/85	6	2	
AMIS0059	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	11/28/78-10/19/88	9	5	
AMIS0074	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	11/07/77-06/23/88	10	3	
AMIS0083	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	11/07/77-11/27/78	1	2	
AMIS0059	Yes	00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/05/89-07/02/92	2	4	
AMIS0074	No	00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/04/73-08/17/76	2	2	
AMIS0077	No	00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/04/73-08/17/76	2	2	
AMIS0079	No	00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/04/73-08/17/76	2	3	
AMIS0083	No	00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/04/73-08/17/76	2	3	
AMIS0021	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	05/02/78-08/12/80	2	4	
AMIS0075	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	01/15/75-04/09/80	5	5	
AMIS0084	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	01/15/75-04/09/80	5	4	
AMIS0021	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	05/02/78-08/12/80	2	4	
AMIS0075	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	01/18/78-04/09/80	2	4	
AMIS0084	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	01/14/76-04/09/80	4	3	
AMIS0021	No	00600	NITROGEN, TOTAL (MG/L AS N)	01/17/78-09/08/81	3	28	
AMIS0075	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/30/74-07/08/81	6	53	
AMIS0084	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/30/74-09/09/81	6	56	
AMIS0021	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	11/13/79-09/08/81	1	14	
AMIS0075	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	11/14/79-07/08/81	1	15	
AMIS0084	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	11/14/79-09/09/81	1	16	
AMIS0021	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/17/78-09/08/81	3	28	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0075	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/30/74-07/08/81	6	52	
AMIS0084	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/30/74-09/09/81	6	56	
AMIS0021	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/13/79-09/08/81	1	14	
AMIS0075	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/14/79-07/08/81	1	15	
AMIS0084	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/14/79-09/09/81	1	16	
AMIS0014	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/30/90-10/28/92	1	3	
AMIS0021	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/13/79-01/27/93	13	71	
AMIS0023	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/08/81-08/26/92	10	54	
AMIS0028	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/11/91-04/11/91	0	1	
AMIS0035	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/30/90-10/28/92	1	2	
AMIS0074	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/07/81-08/24/92	10	63	
AMIS0075	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/14/79-03/01/93	13	81	
AMIS0083	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/07/81-08/25/92	10	46	
AMIS0084	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/14/79-01/26/93	13	62	
AMIS0002	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/72-08/18/76	4	21	
AMIS0005	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/27/77-06/21/88	10	5	
AMIS0008	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/09/76-07/07/93	16	68	
AMIS0011	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	19	196	A
AMIS0012	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-05/01/78	4	24	
AMIS0016	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/74-10/29/74	0	20	
AMIS0017	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/78-07/08/93	14	30	
AMIS0019	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/74-05/04/78	4	17	
AMIS0021	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/17/78-12/01/92	14	58	
AMIS0023	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/09/74-03/18/93	19	88	
AMIS0024	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/07/75	0	13	
AMIS0026	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/14/88-06/21/88	0	2	
AMIS0027	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/14/88-06/21/88	0	2	
AMIS0030	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-08/17/77	4	17	
AMIS0032	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/05/93	20	49	
AMIS0033	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/72-11/25/85	13	12	
AMIS0040	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/72-07/11/73	1	7	
AMIS0042	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/72-08/29/75	3	14	
AMIS0043	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/72-08/29/75	3	15	
AMIS0044	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/74-10/29/74	0	23	
AMIS0045	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/74-08/07/75	0	12	
AMIS0046	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	20	164	T
AMIS0048	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-05/02/78	5	24	
AMIS0049	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-08/17/77	4	16	
AMIS0050	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	20	46	
AMIS0052	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/74-10/29/74	0	20	
AMIS0057	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/74-10/30/74	0	13	
AMIS0059	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/78-07/08/93	14	27	
AMIS0061	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/14/86-12/14/86	0	1	
AMIS0066	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/74-10/30/74	0	17	
AMIS0067	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/09/86-12/14/86	0	2	
AMIS0068	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/09/86-12/14/86	0	5	
AMIS0069	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/09/86-12/09/86	0	1	
AMIS0073	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/07/75	0	13	
AMIS0074	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	21	132	T
AMIS0075	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/30/74-12/03/92	18	93	
AMIS0077	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-05/01/78	6	26	
AMIS0079	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-05/01/78	6	26	
AMIS0082	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/07/75	0	13	
AMIS0083	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-08/25/92	20	60	
AMIS0084	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/30/74-12/02/92	18	84	
AMIS0014	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/30/90-10/28/92	1	3	
AMIS0021	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/10/85-01/27/93	7	32	
AMIS0023	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/10/85-08/26/92	6	29	
AMIS0028	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/11/91-04/11/91	0	1	
AMIS0035	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/30/90-10/28/92	1	2	
AMIS0074	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/11/85-08/24/92	6	39	
AMIS0075	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/11/85-03/01/93	7	42	
AMIS0083	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-08/25/92	6	27	
AMIS0084	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-01/26/93	6	29	
AMIS0005	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/14/88-06/21/88	0	2	
AMIS0008	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/15/88-07/07/93	5	16	
AMIS0011	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/15/88-07/07/93	5	17	
AMIS0017	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/05/89-07/08/93	3	6	
AMIS0021	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/17/78-12/01/92	14	23	
AMIS0023	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/24/86-03/18/93	6	14	
AMIS0024	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	0	3	
AMIS0026	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/14/88-06/21/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0027	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/14/88-06/21/88	0	2	
AMIS0032	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/05/89-07/05/93	3	6	
AMIS0045	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/08/74-11/07/74	0	2	
AMIS0046	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/27/88-07/08/93	4	8	
AMIS0050	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/05/89-07/08/93	3	7	
AMIS0059	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/05/89-07/08/93	3	7	
AMIS0073	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	0	3	
AMIS0074	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/24/86-07/06/93	7	25	
AMIS0075	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/30/74-12/03/92	18	51	
AMIS0082	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	0	3	
AMIS0083	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/07/90-08/25/92	1	8	
AMIS0084	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/30/74-12/02/92	18	51	
AMIS0008	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/27/89-06/27/89	0	1	
AMIS0002	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/12/72-08/18/76	4	21	
AMIS0005	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/27/77-06/21/88	10	5	
AMIS0008	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/09/76-07/07/93	16	65	
AMIS0011	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	19	154	
AMIS0012	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-05/01/78	4	23	
AMIS0017	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/78-07/08/93	14	30	
AMIS0019	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/27/74-05/04/78	4	17	
AMIS0021	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/17/78-10/09/79	1	14	
AMIS0023	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/09/74-03/18/93	19	57	
AMIS0024	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	0	3	
AMIS0026	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/14/88-06/21/88	0	2	
AMIS0027	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/14/88-06/21/88	0	2	
AMIS0030	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-08/17/77	4	17	
AMIS0032	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/05/93	20	46	
AMIS0033	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/12/72-11/25/85	13	12	
AMIS0034	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/01/71-09/01/73	2	31	
AMIS0040	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/12/72-07/11/73	1	7	
AMIS0042	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/12/72-08/29/75	3	14	
AMIS0043	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/12/72-08/29/75	3	15	
AMIS0045	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/08/74-11/07/74	0	2	
AMIS0046	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	20	126	T
AMIS0048	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-05/02/78	5	26	
AMIS0049	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-08/17/77	4	17	
AMIS0050	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	20	43	
AMIS0059	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/78-07/08/93	14	27	
AMIS0061	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/14/86-12/14/86	0	1	
AMIS0067	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/09/86-12/14/86	0	2	
AMIS0068	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/09/86-12/14/86	0	5	
AMIS0069	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/09/86-12/09/86	0	1	
AMIS0073	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	0	3	
AMIS0074	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-07/06/93	21	88	
AMIS0075	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/01/71-10/08/80	9	70	
AMIS0077	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-05/01/78	6	27	
AMIS0078	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/01/71-09/01/73	2	31	
AMIS0079	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-05/01/78	6	26	
AMIS0082	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	0	3	
AMIS0083	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-06/25/86	14	33	
AMIS0084	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/30/74-10/08/80	5	42	
AMIS0021	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/17/78-08/22/91	13	29	
AMIS0023	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/22/91-08/22/91	0	1	
AMIS0034	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/01/73-12/01/73	0	3	
AMIS0074	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/20/91-08/20/91	0	1	
AMIS0075	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/01/73-08/20/91	17	36	
AMIS0083	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/21/91-08/21/91	0	1	
AMIS0084	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/01/73-08/21/91	17	41	
AMIS0021	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	02/27/79-09/08/81	2	18	
AMIS0075	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	04/18/78-07/08/81	3	20	
AMIS0084	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	02/28/79-09/09/81	2	22	
AMIS0005	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/14/88-06/21/88	0	2	
AMIS0008	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/88-07/07/93	5	4	
AMIS0011	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/88-07/07/93	5	5	
AMIS0016	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/74-10/29/74	0	20	
AMIS0017	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/86-07/08/93	7	13	
AMIS0021	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-01/27/93	15	83	
AMIS0023	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/08/81-03/18/93	11	54	
AMIS0024	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/07/75	0	13	
AMIS0026	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/14/88-06/21/88	0	2	
AMIS0027	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/14/88-06/21/88	0	2	
AMIS0032	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/86-07/05/93	7	12	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0044	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/74-10/29/74	0	23	
AMIS0045	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/08/74-08/07/75	0	12	
AMIS0046	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/86-07/08/93	7	14	
AMIS0050	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/86-07/08/93	7	13	
AMIS0052	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/74-10/29/74	0	20	
AMIS0057	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/74-10/30/74	0	13	
AMIS0059	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/86-07/08/93	7	10	
AMIS0061	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/86-12/14/86	0	1	
AMIS0066	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/74-10/30/74	0	17	
AMIS0067	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/86-12/14/86	0	1	
AMIS0068	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/86-12/14/86	0	1	
AMIS0073	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/07/75	0	13	
AMIS0074	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/07/81-07/06/93	11	65	
AMIS0075	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/74-03/01/93	18	118	
AMIS0082	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/07/75	0	12	
AMIS0083	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/07/81-08/25/92	10	45	
AMIS0084	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/74-01/26/93	18	102	
AMIS0050	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	08/20/85-08/20/85	0	1	
AMIS0059	Yes	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/28/78-07/02/92	13	9	
AMIS0074	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/73-06/23/88	14	5	
AMIS0077	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/73-11/07/77	3	3	
AMIS0079	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/73-11/07/77	3	4	
AMIS0083	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/73-11/27/78	4	5	
AMIS0014	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/70-11/05/75	5	5	
AMIS0016	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/74-10/29/74	0	20	
AMIS0017	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/04/92-03/04/92	0	1	
AMIS0021	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-12/01/92	14	37	
AMIS0023	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/06/90-08/26/92	1	10	
AMIS0024	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/07/75	0	13	
AMIS0028	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/04/70-05/01/75	4	3	
AMIS0032	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/04/92-03/04/92	0	1	
AMIS0035	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/06/71-11/05/75	4	4	
AMIS0044	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/74-10/29/74	0	23	
AMIS0045	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/08/74-08/07/75	0	12	
AMIS0050	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/04/92-03/04/92	0	1	
AMIS0052	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/74-10/29/74	0	20	
AMIS0057	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/74-10/30/74	0	13	
AMIS0059	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/04/92-03/04/92	0	1	
AMIS0066	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/74-10/30/74	0	17	
AMIS0073	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/07/75	0	13	
AMIS0074	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/07/90-08/24/92	1	12	
AMIS0075	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/30/74-12/03/92	18	65	
AMIS0082	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/07/75	0	13	
AMIS0083	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/07/90-08/25/92	1	8	
AMIS0084	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/30/74-12/02/92	18	65	
AMIS0014	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/77-10/28/92	15	14	
AMIS0021	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/13/79-01/27/93	13	71	
AMIS0023	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/08/81-08/26/92	10	54	
AMIS0028	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/02/78-04/11/91	12	7	
AMIS0034	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/74-08/17/77	3	42	
AMIS0035	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/04/77-10/28/92	15	12	
AMIS0074	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/07/81-08/24/92	10	63	
AMIS0075	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/74-03/01/93	19	115	
AMIS0083	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/07/81-08/25/92	10	46	
AMIS0084	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/74-01/26/93	19	94	
AMIS0002	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/12/72-08/18/76	4	21	
AMIS0005	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/27/77-08/22/79	1	3	
AMIS0008	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/09/76-09/24/85	8	36	
AMIS0011	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	11	110	
AMIS0012	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-05/01/78	4	19	
AMIS0017	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/28/78-11/13/84	5	9	
AMIS0019	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/27/74-05/04/78	4	15	
AMIS0021	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/17/79-04/17/79	0	1	
AMIS0023	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/09/74-07/24/85	11	43	
AMIS0030	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-08/17/77	4	17	
AMIS0032	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-11/13/84	12	28	
AMIS0033	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/12/72-07/11/73	1	7	
AMIS0040	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/12/72-07/11/73	1	7	
AMIS0042	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/12/72-08/29/75	3	14	
AMIS0043	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/12/72-08/29/75	3	15	
AMIS0046	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	12	92	
AMIS0048	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-05/02/78	5	23	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0049	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-08/17/77	4	17	
AMIS0050	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-11/13/84	12	27	
AMIS0059	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/28/78-11/13/84	5	9	
AMIS0074	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-08/21/85	13	54	
AMIS0075	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/18/78-06/20/79	1	3	
AMIS0077	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-05/01/78	6	25	
AMIS0079	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-05/01/78	6	24	
AMIS0083	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-08/20/79	7	32	
AMIS0084	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/18/79-06/20/79	0	3	
AMIS0002	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-08/18/76	2	14	
AMIS0005	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/27/77-08/22/79	1	3	
AMIS0008	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/09/76-09/24/85	8	36	
AMIS0011	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	11	110	
AMIS0012	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-05/01/78	4	19	
AMIS0017	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/28/78-11/13/84	5	9	
AMIS0019	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/27/74-05/04/78	4	15	
AMIS0021	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/01/81-02/01/83	1	6	
AMIS0023	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/09/74-07/24/85	11	49	
AMIS0030	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-08/17/77	3	13	
AMIS0032	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-11/13/84	11	24	
AMIS0042	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/21/73-08/29/75	1	9	
AMIS0043	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/21/73-08/29/75	1	10	
AMIS0046	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	11	88	
AMIS0048	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-05/02/78	4	19	
AMIS0049	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-08/17/77	3	13	
AMIS0050	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-11/13/84	11	23	
AMIS0059	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/28/78-11/13/84	5	9	
AMIS0074	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-08/21/85	11	53	
AMIS0075	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/07/81-02/02/83	1	6	
AMIS0077	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-05/01/78	4	18	
AMIS0079	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-05/01/78	4	17	
AMIS0083	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-02/02/83	9	31	
AMIS0084	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/07/81-02/02/83	1	6	
AMIS0002	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/12/72-08/18/76	4	21	
AMIS0005	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/27/77-06/21/88	10	5	
AMIS0008	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/09/76-07/07/93	16	67	
AMIS0011	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	19	195	A
AMIS0012	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-05/01/78	4	24	
AMIS0016	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/74-10/29/74	0	20	
AMIS0017	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/78-07/08/93	14	26	
AMIS0019	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/74-05/04/78	4	17	
AMIS0021	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-01/27/93	15	84	
AMIS0023	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/09/74-03/18/93	19	113	
AMIS0024	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/07/75	0	13	
AMIS0026	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/14/88-06/21/88	0	2	
AMIS0027	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/14/88-06/21/88	0	2	
AMIS0030	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-08/17/77	4	16	
AMIS0032	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/05/93	20	45	
AMIS0033	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/12/72-11/25/85	13	12	
AMIS0040	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/12/72-07/11/73	1	7	
AMIS0042	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/12/72-08/29/75	3	14	
AMIS0043	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/12/72-08/29/75	3	15	
AMIS0044	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/74-10/29/74	0	23	
AMIS0045	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/74-08/07/75	0	11	
AMIS0046	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	20	162	T
AMIS0048	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-05/02/78	5	25	
AMIS0049	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-08/17/77	4	17	
AMIS0050	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	20	43	
AMIS0052	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/74-10/29/74	0	20	
AMIS0057	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/74-10/30/74	0	13	
AMIS0059	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/78-07/08/93	14	28	
AMIS0061	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/86-12/14/86	0	1	
AMIS0066	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/74-10/30/74	0	17	
AMIS0067	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/09/86-12/14/86	0	2	
AMIS0068	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/09/86-12/14/86	0	5	
AMIS0069	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/09/86-12/09/86	0	1	
AMIS0073	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/07/75	0	13	
AMIS0074	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	21	157	T,A
AMIS0075	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/30/74-03/01/93	18	120	
AMIS0077	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-05/01/78	6	27	
AMIS0079	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-05/01/78	6	26	
AMIS0082	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/07/75	0	13	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0083	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-08/25/92	20	78	
AMIS0084	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/30/74-01/26/93	18	103	
AMIS0021	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/17/78-01/27/93	15	84	
AMIS0023	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/08/81-08/26/92	10	54	
AMIS0074	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/07/81-08/24/92	10	64	
AMIS0075	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/77-03/01/93	15	99	
AMIS0083	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/07/81-08/25/92	10	46	
AMIS0084	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/77-01/26/93	15	83	
AMIS0032	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	05/15/79-05/15/79	0	1	
AMIS0046	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0059	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/28/78-07/02/92	13	10	
AMIS0074	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/73-06/23/88	14	5	
AMIS0077	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	08/17/76-11/07/77	1	2	
AMIS0079	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	08/17/76-11/07/77	1	2	
AMIS0083	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/73-11/27/78	4	5	
AMIS0002	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-08/18/76	2	14	
AMIS0005	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/27/77-06/21/88	10	5	
AMIS0008	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/09/76-07/07/93	16	65	
AMIS0011	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	19	153	
AMIS0012	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-05/01/78	4	24	
AMIS0014	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/30/90-10/28/92	1	3	
AMIS0016	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/05/74-10/29/74	0	20	
AMIS0017	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/28/78-07/08/93	14	25	
AMIS0019	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/27/74-05/04/78	4	17	
AMIS0021	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/08/81-01/27/93	11	57	
AMIS0023	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/09/74-03/18/93	19	111	
AMIS0024	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/07/75	0	13	
AMIS0026	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/14/88-06/21/88	0	2	
AMIS0027	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/14/88-06/21/88	0	2	
AMIS0028	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/11/91-04/11/91	0	1	
AMIS0030	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-08/17/77	3	12	
AMIS0032	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/05/93	19	40	
AMIS0033	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/12/85-11/25/85	0	5	
AMIS0035	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/30/90-10/28/92	1	2	
AMIS0042	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/21/73-08/29/75	1	9	
AMIS0043	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/21/73-08/29/75	1	10	
AMIS0044	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/05/74-10/29/74	0	23	
AMIS0045	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/08/74-08/07/75	0	12	
AMIS0046	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	19	121	
AMIS0048	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-05/02/78	4	21	
AMIS0049	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-08/17/77	3	13	
AMIS0050	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	19	39	
AMIS0052	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/06/74-10/29/74	0	20	
AMIS0057	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/15/74-10/30/74	0	13	
AMIS0059	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/28/78-07/08/93	14	24	
AMIS0061	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/14/86-12/14/86	0	1	
AMIS0066	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/06/74-10/30/74	0	17	
AMIS0067	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/09/86-12/14/86	0	2	
AMIS0068	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/09/86-12/14/86	0	5	
AMIS0069	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/09/86-12/09/86	0	1	
AMIS0073	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/07/75	0	13	
AMIS0074	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	19	142	
AMIS0075	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/07/81-03/01/93	11	66	
AMIS0077	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-05/01/78	4	20	
AMIS0079	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-05/01/78	4	19	
AMIS0082	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/08/74-08/07/75	0	12	
AMIS0083	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-08/25/92	18	72	
AMIS0084	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/07/81-01/26/93	11	46	
AMIS0002	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-08/18/76	2	11	
AMIS0005	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/78-08/22/79	0	2	
AMIS0008	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/78-07/07/93	15	56	
AMIS0011	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	19	182	A
AMIS0012	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-05/01/78	4	17	
AMIS0017	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/28/78-07/08/93	14	24	
AMIS0019	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-02/07/78	3	10	
AMIS0021	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/17/78-09/08/81	3	16	
AMIS0023	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-03/18/93	18	47	
AMIS0030	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-08/18/76	2	10	
AMIS0032	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/05/93	19	36	
AMIS0033	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/12/85-11/25/85	0	5	
AMIS0042	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-08/29/75	1	7	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0043	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-08/29/75	1	7	
AMIS0046	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	19	148	
AMIS0048	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-05/02/78	4	15	
AMIS0049	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-08/18/76	2	10	
AMIS0050	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	19	35	
AMIS0059	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/28/78-07/08/93	14	24	
AMIS0061	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/14/86-12/14/86	0	1	
AMIS0067	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/09/86-12/14/86	0	2	
AMIS0068	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/09/86-12/14/86	0	5	
AMIS0069	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/09/86-12/09/86	0	1	
AMIS0074	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/06/93	19	69	
AMIS0075	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/30/74-07/08/81	6	30	
AMIS0077	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-05/01/78	4	12	
AMIS0079	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-05/01/78	4	11	
AMIS0083	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-11/27/78	4	12	
AMIS0084	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/30/74-09/09/81	6	28	
AMIS0021	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/14/78-05/05/81	3	9	
AMIS0075	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/15/78-01/14/81	2	10	
AMIS0084	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/15/78-08/05/81	3	12	
AMIS0005	No	00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	03/14/88-06/21/88	0	2	
AMIS0008	No	00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	03/15/88-06/21/88	0	2	
AMIS0011	No	00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	03/15/88-06/21/88	0	2	
AMIS0026	No	00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	03/14/88-06/21/88	0	2	
AMIS0027	No	00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	03/14/88-06/21/88	0	2	
AMIS0074	No	00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	10/25/89-10/25/89	0	1	
AMIS0021	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	02/14/78-05/05/81	3	7	
AMIS0075	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	02/15/78-01/14/81	2	10	
AMIS0084	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	02/15/78-08/05/81	3	11	
AMIS0034	No	00745	SULFIDE, TOTAL (MG/L AS S)	02/20/85-02/20/85	0	1	
AMIS0004	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/10/67-07/05/67	0	4	
AMIS0007	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/10/67-03/05/68	1	8	
AMIS0013	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/67-11/08/67	0	6	
AMIS0014	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/03/70-11/09/82	12	23	
AMIS0021	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/10/67-02/01/83	16	44	
AMIS0023	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/08/81-02/01/83	1	8	
AMIS0025	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/20/67-03/13/68	1	5	
AMIS0028	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/04/70-11/04/81	11	16	
AMIS0033	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/81-03/16/83	1	18	
AMIS0034	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-03/16/83	12	144	
AMIS0035	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/06/71-11/09/82	11	19	
AMIS0058	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/67-03/06/68	1	8	
AMIS0059	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/13/91-07/02/92	1	2	
AMIS0074	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/07/81-06/30/92	10	20	
AMIS0075	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-02/02/83	11	126	
AMIS0078	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/64-09/01/73	8	32	
AMIS0083	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/07/81-02/02/83	1	8	
AMIS0084	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/73-02/02/83	9	99	
AMIS0004	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/10/67-07/05/67	0	4	
AMIS0007	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/10/67-03/05/68	1	8	
AMIS0013	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/67-11/08/67	0	6	
AMIS0014	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/03/70-11/09/82	12	23	
AMIS0021	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/10/67-02/01/83	16	44	
AMIS0025	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/20/67-03/13/68	1	5	
AMIS0028	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/04/70-11/04/81	11	16	
AMIS0034	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-03/16/83	12	144	
AMIS0035	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/06/71-11/09/82	11	19	
AMIS0058	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/67-03/06/68	1	8	
AMIS0075	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-02/02/83	11	127	
AMIS0078	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/64-09/01/73	8	32	
AMIS0084	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/73-02/02/83	9	98	
AMIS0004	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/10/67-07/05/67	0	4	
AMIS0007	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/10/67-01/11/68	1	7	
AMIS0013	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/67-11/08/67	0	6	
AMIS0014	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/03/70-10/28/92	21	32	
AMIS0021	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/10/67-01/27/93	26	91	S
AMIS0023	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/08/81-08/26/92	10	53	
AMIS0025	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/20/67-11/08/67	0	4	
AMIS0028	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/04/70-04/11/91	20	20	
AMIS0033	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	10	132	A
AMIS0034	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	21	262	T,A
AMIS0035	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/06/71-10/28/92	21	26	
AMIS0038	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/29/86-10/28/87	0	4	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0047	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/84-10/26/92	8	18	
AMIS0058	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/67-01/03/68	0	7	
AMIS0061	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/14/86-12/14/86	0	1	
AMIS0068	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/14/86-12/14/86	0	1	
AMIS0069	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/14/86-12/14/86	0	1	
AMIS0074	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	10	85	
AMIS0075	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-03/01/93	22	186	S
AMIS0078	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/64-09/01/73	8	32	
AMIS0083	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/25/92	10	46	
AMIS0084	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/73-01/26/93	19	139	
AMIS0004	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/10/67-07/05/67	0	4	
AMIS0007	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/10/67-01/11/68	1	7	
AMIS0013	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/67-11/08/67	0	6	
AMIS0014	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/03/70-10/28/92	21	32	
AMIS0021	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/10/67-01/27/93	26	91	S
AMIS0023	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/08/81-08/26/92	10	53	
AMIS0025	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/20/67-11/08/67	0	4	
AMIS0028	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/04/70-04/11/91	20	20	
AMIS0033	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	10	132	A
AMIS0034	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	21	261	T,A
AMIS0035	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/06/71-10/28/92	21	26	
AMIS0038	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/83-10/28/87	4	8	
AMIS0047	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/83-10/26/92	9	23	
AMIS0058	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/67-01/03/68	0	7	
AMIS0061	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/14/86-12/14/86	0	1	
AMIS0068	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/14/86-12/14/86	0	1	
AMIS0069	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/14/86-12/14/86	0	1	
AMIS0074	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	10	85	
AMIS0075	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-03/01/93	22	185	S
AMIS0078	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/64-09/01/73	8	32	
AMIS0083	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/25/92	10	46	
AMIS0084	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/73-01/26/93	19	138	
AMIS0004	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/10/67-07/05/67	0	4	
AMIS0007	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/10/67-01/11/68	1	7	
AMIS0013	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/67-11/08/67	0	6	
AMIS0014	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/03/70-10/28/92	21	26	
AMIS0021	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/10/67-01/27/93	26	91	S
AMIS0023	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/08/81-08/26/92	10	53	
AMIS0025	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/20/67-11/08/67	0	4	
AMIS0028	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/04/70-04/11/91	20	16	
AMIS0033	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	10	132	A
AMIS0034	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	21	262	T,A
AMIS0035	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/06/71-10/28/92	21	20	
AMIS0038	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/83-10/28/87	4	8	
AMIS0047	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/83-10/26/92	9	23	
AMIS0058	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/67-01/03/68	0	7	
AMIS0061	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/14/86-12/14/86	0	1	
AMIS0068	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/14/86-12/14/86	0	1	
AMIS0069	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/14/86-12/14/86	0	1	
AMIS0074	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	10	85	
AMIS0075	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-03/01/93	22	186	S
AMIS0078	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/64-09/01/73	8	32	
AMIS0083	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/25/92	10	46	
AMIS0084	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/73-01/26/93	19	139	
AMIS0004	No	00931	SODIUM ADSORPTION RATIO	01/10/67-07/05/67	0	4	
AMIS0007	No	00931	SODIUM ADSORPTION RATIO	01/10/67-01/11/68	1	7	
AMIS0013	No	00931	SODIUM ADSORPTION RATIO	01/11/67-11/08/67	0	6	
AMIS0014	No	00931	SODIUM ADSORPTION RATIO	11/03/70-11/09/82	12	17	
AMIS0021	No	00931	SODIUM ADSORPTION RATIO	01/10/67-02/01/83	16	43	
AMIS0023	No	00931	SODIUM ADSORPTION RATIO	10/08/81-02/01/83	1	8	
AMIS0025	No	00931	SODIUM ADSORPTION RATIO	01/20/67-11/08/67	0	4	
AMIS0028	No	00931	SODIUM ADSORPTION RATIO	11/04/70-11/04/81	11	12	
AMIS0033	No	00931	SODIUM ADSORPTION RATIO	10/21/81-03/16/83	1	18	
AMIS0034	No	00931	SODIUM ADSORPTION RATIO	03/01/71-03/16/83	12	144	
AMIS0035	No	00931	SODIUM ADSORPTION RATIO	04/06/71-11/09/82	11	13	
AMIS0058	Yes	00931	SODIUM ADSORPTION RATIO	01/11/67-01/03/68	0	7	
AMIS0074	No	00931	SODIUM ADSORPTION RATIO	10/07/81-02/02/83	1	9	
AMIS0075	No	00931	SODIUM ADSORPTION RATIO	03/01/71-02/02/83	11	126	
AMIS0078	No	00931	SODIUM ADSORPTION RATIO	10/01/64-09/01/73	8	32	
AMIS0083	No	00931	SODIUM ADSORPTION RATIO	10/07/81-02/02/83	1	8	
AMIS0084	No	00931	SODIUM ADSORPTION RATIO	10/01/73-02/02/83	9	99	
AMIS0004	No	00932	SODIUM, PERCENT	01/10/67-07/05/67	0	4	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0007	No	00932	SODIUM, PERCENT	01/10/67-01/11/68	1	7	
AMIS0013	No	00932	SODIUM, PERCENT	01/11/67-11/08/67	0	6	
AMIS0021	No	00932	SODIUM, PERCENT	01/10/67-02/01/83	16	43	
AMIS0025	No	00932	SODIUM, PERCENT	01/20/67-11/08/67	0	4	
AMIS0028	No	00932	SODIUM, PERCENT	05/02/78-05/02/78	0	1	
AMIS0034	No	00932	SODIUM, PERCENT	03/01/71-03/16/83	12	129	
AMIS0058	Yes	00932	SODIUM, PERCENT	01/11/67-01/03/68	0	7	
AMIS0075	No	00932	SODIUM, PERCENT	03/01/71-02/02/83	11	119	
AMIS0078	No	00932	SODIUM, PERCENT	03/01/71-09/01/73	2	31	
AMIS0084	No	00932	SODIUM, PERCENT	10/01/73-02/02/83	9	93	
AMIS0021	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/11/79-03/11/80	0	7	
AMIS0034	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	05/16/79-02/20/80	0	10	
AMIS0075	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	04/18/79-04/09/80	0	10	
AMIS0084	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	04/18/79-03/12/80	0	9	
AMIS0004	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/10/67-07/05/67	0	4	
AMIS0007	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/10/67-09/06/67	0	5	
AMIS0013	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/67-09/07/67	0	5	
AMIS0014	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/28/92-10/28/92	0	1	
AMIS0021	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/10/67-01/27/93	26	89	S
AMIS0023	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/08/81-08/26/92	10	53	
AMIS0025	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/20/67-09/07/67	0	3	
AMIS0028	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/02/78-05/02/78	0	1	
AMIS0033	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	10	132	A
AMIS0034	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	21	246	T,A
AMIS0035	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/28/92-10/28/92	0	1	
AMIS0038	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/29/86-10/28/87	0	2	
AMIS0047	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/84-10/26/92	8	16	
AMIS0058	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/67-09/07/67	0	5	
AMIS0061	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/14/86-12/14/86	0	1	
AMIS0068	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/14/86-12/14/86	0	1	
AMIS0069	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/14/86-12/14/86	0	1	
AMIS0074	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	10	85	
AMIS0075	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-03/01/93	22	178	S
AMIS0078	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-09/01/73	2	31	
AMIS0083	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/25/92	10	46	
AMIS0084	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/73-01/26/93	19	131	
AMIS0002	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/16/68-08/18/76	7	57	
AMIS0004	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/10/67-07/05/67	0	4	
AMIS0005	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/27/77-06/21/88	10	5	
AMIS0007	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/10/67-03/05/68	1	8	
AMIS0008	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/09/76-07/07/93	16	68	
AMIS0011	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	19	197	A
AMIS0012	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-05/01/78	4	25	
AMIS0013	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/67-11/08/67	0	6	
AMIS0014	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/03/70-10/28/92	21	32	
AMIS0017	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/78-07/08/93	14	25	
AMIS0019	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/74-05/04/78	4	17	
AMIS0021	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/10/67-01/27/93	26	92	S
AMIS0023	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/09/74-03/18/93	19	112	
AMIS0025	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/20/67-03/13/68	1	5	
AMIS0026	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/14/88-06/21/88	0	2	
AMIS0027	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/14/88-06/21/88	0	2	
AMIS0028	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/70-04/11/91	20	21	
AMIS0030	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-08/17/77	4	17	
AMIS0032	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/05/93	20	48	
AMIS0033	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	20	145	T,A
AMIS0034	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	21	262	T,A
AMIS0035	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/70-10/28/92	22	27	
AMIS0038	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/29/86-10/28/87	0	2	
AMIS0040	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-07/11/73	1	8	
AMIS0042	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-08/29/75	3	15	
AMIS0043	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-08/29/75	3	16	
AMIS0046	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	20	164	T
AMIS0047	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/84-10/26/92	8	16	
AMIS0048	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-05/02/78	5	26	
AMIS0049	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-08/17/77	4	17	
AMIS0050	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	20	47	
AMIS0058	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/67-03/06/68	1	8	
AMIS0059	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/78-07/08/93	14	28	
AMIS0061	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/14/86-12/14/86	0	1	
AMIS0067	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/09/86-12/14/86	0	2	
AMIS0068	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/09/86-12/14/86	0	5	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0069	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/09/86-12/09/86	0	1	
AMIS0074	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	24	190	T,A,S
AMIS0075	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-03/01/93	22	186	S
AMIS0077	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/71-05/01/78	6	31	
AMIS0078	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/64-09/01/73	8	32	
AMIS0079	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/71-05/01/78	6	31	
AMIS0083	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/68-08/25/92	23	116	S
AMIS0084	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/73-01/26/93	19	140	
AMIS0002	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/09/72-08/18/76	4	38	
AMIS0011	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/21/73-08/18/76	2	21	
AMIS0023	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/27/74-08/19/76	2	17	
AMIS0032	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/17/73-02/25/77	4	22	
AMIS0033	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/10/72-08/08/73	1	16	
AMIS0043	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/10/72-08/29/75	3	33	
AMIS0046	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/17/73-08/18/76	3	20	
AMIS0050	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/17/73-02/25/77	4	17	
AMIS0074	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	12/04/71-08/17/76	4	38	
AMIS0083	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/08/72-08/17/76	4	41	
AMIS0002	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/68-08/18/76	7	49	
AMIS0004	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/10/67-07/05/67	0	4	
AMIS0005	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/27/77-06/21/88	10	5	
AMIS0007	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/10/67-01/11/68	1	7	
AMIS0008	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/76-07/07/93	16	65	
AMIS0011	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	19	196	A
AMIS0012	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-05/01/78	4	24	
AMIS0013	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/67-11/08/67	0	6	
AMIS0014	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/03/70-10/28/92	21	25	
AMIS0017	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/78-07/08/93	14	27	
AMIS0019	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/27/74-05/04/78	4	17	
AMIS0021	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/10/67-01/27/93	26	91	S
AMIS0023	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/09/74-03/18/93	19	112	
AMIS0025	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/20/67-11/08/67	0	4	
AMIS0026	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/14/88-06/21/88	0	2	
AMIS0027	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/14/88-06/21/88	0	2	
AMIS0028	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/70-04/11/91	20	15	
AMIS0030	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-08/17/77	4	18	
AMIS0032	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/05/93	20	48	
AMIS0033	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	20	145	T,A
AMIS0034	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	21	262	T,A
AMIS0035	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/70-10/28/92	22	22	
AMIS0038	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/83-10/28/87	4	8	
AMIS0040	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-07/11/73	1	8	
AMIS0042	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-08/29/75	3	15	
AMIS0043	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-08/29/75	3	16	
AMIS0046	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	20	163	T
AMIS0047	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/83-10/26/92	9	23	
AMIS0048	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-05/02/78	5	26	
AMIS0049	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-08/17/77	4	18	
AMIS0050	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	20	46	
AMIS0058	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/67-01/03/68	0	7	
AMIS0059	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/78-07/08/93	14	26	
AMIS0061	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/14/86-12/14/86	0	1	
AMIS0067	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/09/86-12/14/86	0	2	
AMIS0068	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/09/86-12/14/86	0	5	
AMIS0069	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/09/86-12/09/86	0	1	
AMIS0074	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	24	183	T,A,S
AMIS0075	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-03/01/93	22	186	S
AMIS0077	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/71-05/01/78	6	31	
AMIS0078	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/64-09/01/73	8	32	
AMIS0079	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/71-05/01/78	6	30	
AMIS0083	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/68-08/25/92	23	107	S
AMIS0084	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/73-01/26/93	19	139	
AMIS0004	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/10/67-07/05/67	0	4	
AMIS0007	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/10/67-01/11/68	1	7	
AMIS0013	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/11/67-11/08/67	0	6	
AMIS0014	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/03/70-10/28/92	21	4	
AMIS0021	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/10/67-01/27/93	26	91	S
AMIS0023	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/08/81-08/26/92	10	53	
AMIS0025	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/20/67-11/08/67	0	4	
AMIS0028	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/04/70-04/11/91	20	2	
AMIS0033	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/90-09/16/92	1	25	
AMIS0034	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/74-01/20/93	18	30	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0035	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/30/90-10/28/92	1	2	
AMIS0047	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/91-10/26/92	1	5	
AMIS0058	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/11/67-01/03/68	0	7	
AMIS0061	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/14/86-12/14/86	0	1	
AMIS0068	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/14/86-12/14/86	0	1	
AMIS0069	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/14/86-12/14/86	0	1	
AMIS0074	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	10	84	
AMIS0075	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/74-03/01/93	18	118	
AMIS0083	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/25/92	10	46	
AMIS0084	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/74-01/26/93	18	102	
AMIS0004	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/10/67-07/05/67	0	4	
AMIS0007	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/10/67-01/11/68	1	7	
AMIS0013	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/67-11/08/67	0	6	
AMIS0014	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/03/70-10/28/92	21	18	
AMIS0021	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/10/67-01/27/93	26	91	S
AMIS0023	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/08/81-08/26/92	10	53	
AMIS0025	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/20/67-11/08/67	0	4	
AMIS0028	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/04/70-04/11/91	20	10	
AMIS0033	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	10	132	A
AMIS0034	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	18	223	A
AMIS0035	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/06/71-10/28/92	21	13	
AMIS0038	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/29/86-10/28/87	0	2	
AMIS0047	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/84-10/26/92	8	16	
AMIS0058	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/67-01/03/68	0	7	
AMIS0061	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/14/86-12/14/86	0	1	
AMIS0068	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/14/86-12/14/86	0	1	
AMIS0069	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/14/86-12/14/86	0	1	
AMIS0074	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	10	85	
AMIS0075	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-03/01/93	18	148	
AMIS0083	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/25/92	10	46	
AMIS0084	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/26/93	18	133	
AMIS0021	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/14/78-08/22/91	13	48	
AMIS0023	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/81-08/22/91	9	39	
AMIS0059	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/08/93-07/08/93	0	1	
AMIS0074	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/07/81-08/20/91	9	39	
AMIS0075	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/30/74-08/20/91	16	57	
AMIS0083	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/07/81-08/21/91	9	39	
AMIS0084	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/30/74-08/21/91	16	54	
AMIS0021	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	02/14/78-08/03/82	4	11	
AMIS0075	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	10/18/77-08/04/82	4	12	
AMIS0084	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	10/18/77-08/04/82	4	14	
AMIS0021	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/14/78-08/03/82	4	13	
AMIS0022	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/19/76-10/19/76	0	1	
AMIS0023	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/08/81-08/03/82	0	4	
AMIS0037	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/19/76-10/19/76	0	1	
AMIS0041	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/01/73-04/01/73	0	1	
AMIS0059	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	03/13/91-07/02/92	1	2	
AMIS0062	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/06/76-11/06/76	0	1	
AMIS0065	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/06/76-10/06/76	0	1	
AMIS0070	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/01/73-04/01/73	0	1	
AMIS0074	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/07/81-08/04/82	0	4	
AMIS0075	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/30/74-08/04/82	7	22	
AMIS0081	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/01/73-04/01/73	0	1	
AMIS0083	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/07/81-08/04/82	0	4	
AMIS0084	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/30/74-08/04/82	7	21	
AMIS0009	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/28/78-07/02/92	13	10	
AMIS0060	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/20/74-02/20/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0062	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0065	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0074	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/73-06/23/88	14	5	
AMIS0077	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/73-11/07/77	3	3	
AMIS0079	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/73-11/07/77	3	4	
AMIS0083	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/73-11/27/78	4	5	
AMIS0023	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	05/23/84-06/03/91	7	8	
AMIS0046	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	06/19/90-06/19/90	0	1	
AMIS0074	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	08/21/85-06/30/92	6	9	
AMIS0021	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/14/78-01/27/93	14	54	
AMIS0023	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/81-08/26/92	10	43	
AMIS0074	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/07/81-08/24/92	10	43	
AMIS0075	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/19/76-01/25/93	16	58	
AMIS0083	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/07/81-08/25/92	10	43	
AMIS0084	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/22/77-01/26/93	15	58	
AMIS0021	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	02/14/78-08/03/82	4	13	
AMIS0075	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	10/18/77-02/03/82	4	13	
AMIS0084	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	10/18/77-06/09/82	4	16	
AMIS0021	No	01007	BARIUM, TOTAL (UG/L AS BA)	02/14/78-08/03/82	4	13	
AMIS0023	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/08/81-08/03/82	0	4	
AMIS0041	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/01/73-04/01/73	0	1	
AMIS0070	No	01007	BARIUM, TOTAL (UG/L AS BA)	04/01/73-04/01/73	0	1	
AMIS0074	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/07/81-08/04/82	0	4	
AMIS0075	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/18/77-08/04/82	4	15	
AMIS0081	No	01007	BARIUM, TOTAL (UG/L AS BA)	04/01/73-04/01/73	0	1	
AMIS0083	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/07/81-08/04/82	0	4	
AMIS0084	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/23/77-08/04/82	4	18	
AMIS0032	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/15/79-05/15/79	0	1	
AMIS0046	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0059	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	08/24/82-07/02/92	9	8	
AMIS0074	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/23/88-06/23/88	0	1	
AMIS0021	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/26/82-08/22/91	8	35	
AMIS0023	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/26/82-08/22/91	8	35	
AMIS0074	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/20/91	8	35	
AMIS0075	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/20/91	8	35	
AMIS0083	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/21/91	8	35	
AMIS0084	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/21/91	8	33	
AMIS0034	No	01020	BORON, DISSOLVED (UG/L AS B)	03/01/71-08/17/77	6	78	
AMIS0075	No	01020	BORON, DISSOLVED (UG/L AS B)	03/01/71-12/01/76	5	73	
AMIS0078	No	01020	BORON, DISSOLVED (UG/L AS B)	10/01/64-09/01/73	8	32	
AMIS0084	No	01020	BORON, DISSOLVED (UG/L AS B)	10/01/73-12/01/76	3	40	
AMIS0021	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/14/78-08/22/91	13	48	
AMIS0023	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/81-08/22/91	9	39	
AMIS0059	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/08/93-07/08/93	0	1	
AMIS0074	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/07/81-08/20/91	9	39	
AMIS0075	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/30/74-08/20/91	16	57	
AMIS0083	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/07/81-08/21/91	9	39	
AMIS0084	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/30/74-08/21/91	16	54	
AMIS0021	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	02/14/78-10/08/81	3	8	
AMIS0075	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	10/18/77-10/07/81	3	11	
AMIS0084	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	10/18/77-06/11/80	2	9	
AMIS0021	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/14/78-08/03/82	4	13	
AMIS0022	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	10/19/76-10/19/76	0	1	
AMIS0023	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/08/81-08/03/82	0	4	
AMIS0037	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	10/19/76-10/19/76	0	1	
AMIS0041	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/01/73-04/01/73	0	1	
AMIS0059	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	03/13/91-07/02/92	1	2	
AMIS0062	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/06/76-11/06/76	0	1	
AMIS0065	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/06/76-10/06/76	0	1	
AMIS0070	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/01/73-04/01/73	0	1	
AMIS0074	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/07/81-08/04/82	0	4	
AMIS0075	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/30/74-08/04/82	7	22	
AMIS0081	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/01/73-04/01/73	0	1	
AMIS0083	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/07/81-08/04/82	0	4	
AMIS0084	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/30/74-08/04/82	7	21	
AMIS0009	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/79-05/15/79	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0037	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/78-07/02/92	13	10	
AMIS0060	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0062	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0065	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0074	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-06/23/88	14	5	
AMIS0077	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/07/77	3	3	
AMIS0079	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/07/77	3	4	
AMIS0083	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/27/78	4	5	
AMIS0009	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/78-07/02/92	13	10	
AMIS0060	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0062	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0065	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0074	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-06/23/88	14	5	
AMIS0077	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/07/77	3	3	
AMIS0079	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/07/77	3	4	
AMIS0083	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/27/78	4	5	
AMIS0021	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/14/78-08/22/91	13	48	
AMIS0023	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/81-08/22/91	9	39	
AMIS0059	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/93-07/08/93	0	1	
AMIS0074	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/07/81-08/20/91	9	39	
AMIS0075	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/30/74-08/20/91	16	57	
AMIS0083	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/07/81-08/21/91	9	39	
AMIS0084	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/30/74-08/21/91	16	54	
AMIS0021	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	02/14/78-06/08/82	4	11	
AMIS0075	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	10/18/77-06/09/82	4	14	
AMIS0084	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	10/18/77-10/07/81	3	14	
AMIS0021	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/14/78-08/03/82	4	13	
AMIS0023	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/81-08/03/82	0	4	
AMIS0037	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/19/76-10/19/76	0	1	
AMIS0041	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/01/73-04/01/73	0	1	
AMIS0059	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/13/91-07/02/92	1	2	
AMIS0062	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/06/76-11/06/76	0	1	
AMIS0070	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/01/73-04/01/73	0	1	
AMIS0074	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/07/81-08/04/82	0	4	
AMIS0075	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/30/74-08/04/82	7	22	
AMIS0083	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/07/81-08/04/82	0	4	
AMIS0084	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/30/74-08/04/82	7	21	
AMIS0021	No	01035	COBALT, DISSOLVED (UG/L AS CO)	02/14/78-01/27/93	14	54	
AMIS0023	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/08/81-08/26/92	10	43	
AMIS0074	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/07/81-08/24/92	10	43	
AMIS0075	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/30/74-01/25/93	18	63	
AMIS0083	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/07/81-08/25/92	10	43	
AMIS0084	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/30/74-01/26/93	18	60	
AMIS0021	No	01036	COBALT, SUSPENDED (UG/L AS CO)	02/14/78-02/05/80	1	6	
AMIS0075	No	01036	COBALT, SUSPENDED (UG/L AS CO)	10/18/77-10/07/81	3	12	
AMIS0084	No	01036	COBALT, SUSPENDED (UG/L AS CO)	10/18/77-06/11/80	2	10	
AMIS0021	No	01037	COBALT, TOTAL (UG/L AS CO)	02/14/78-08/03/82	4	13	
AMIS0023	No	01037	COBALT, TOTAL (UG/L AS CO)	10/08/81-08/03/82	0	4	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0074	No	01037	COBALT, TOTAL (UG/L AS CO)	10/07/81-08/04/82	0	4	
AMIS0075	No	01037	COBALT, TOTAL (UG/L AS CO)	10/30/74-08/04/82	7	22	
AMIS0083	No	01037	COBALT, TOTAL (UG/L AS CO)	10/07/81-08/04/82	0	4	
AMIS0084	No	01037	COBALT, TOTAL (UG/L AS CO)	10/30/74-08/04/82	7	21	
AMIS0021	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/14/78-08/22/91	13	48	
AMIS0023	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/81-08/22/91	9	39	
AMIS0059	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/93-07/08/93	0	1	
AMIS0074	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/07/81-08/20/91	9	39	
AMIS0075	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/30/74-08/20/91	16	57	
AMIS0083	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/07/81-08/21/91	9	39	
AMIS0084	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/30/74-08/21/91	16	54	
AMIS0021	No	01041	COPPER, SUSPENDED (UG/L AS CU)	02/14/78-08/03/82	4	13	
AMIS0075	No	01041	COPPER, SUSPENDED (UG/L AS CU)	10/18/77-06/09/82	4	14	
AMIS0084	No	01041	COPPER, SUSPENDED (UG/L AS CU)	10/18/77-06/09/82	4	15	
AMIS0021	No	01042	COPPER, TOTAL (UG/L AS CU)	02/14/78-08/03/82	4	13	
AMIS0023	No	01042	COPPER, TOTAL (UG/L AS CU)	10/08/81-08/03/82	0	4	
AMIS0037	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/19/76-10/19/76	0	1	
AMIS0041	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/01/73-04/01/73	0	1	
AMIS0059	Yes	01042	COPPER, TOTAL (UG/L AS CU)	03/13/91-07/02/92	1	2	
AMIS0062	No	01042	COPPER, TOTAL (UG/L AS CU)	11/06/76-11/06/76	0	1	
AMIS0070	No	01042	COPPER, TOTAL (UG/L AS CU)	04/01/73-04/01/73	0	1	
AMIS0074	No	01042	COPPER, TOTAL (UG/L AS CU)	10/07/81-08/04/82	0	4	
AMIS0075	No	01042	COPPER, TOTAL (UG/L AS CU)	10/30/74-08/04/82	7	22	
AMIS0081	No	01042	COPPER, TOTAL (UG/L AS CU)	04/01/73-04/01/73	0	1	
AMIS0083	No	01042	COPPER, TOTAL (UG/L AS CU)	10/07/81-08/04/82	0	4	
AMIS0084	No	01042	COPPER, TOTAL (UG/L AS CU)	10/30/74-08/04/82	7	21	
AMIS0009	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/28/78-07/02/92	13	10	
AMIS0060	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0062	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0065	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0074	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/73-06/23/88	14	5	
AMIS0077	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/73-11/07/77	3	3	
AMIS0079	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/73-11/07/77	3	4	
AMIS0083	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/73-11/27/78	4	5	
AMIS0021	No	01044	IRON, SUSPENDED (UG/L AS FE)	08/08/78-08/03/82	3	9	
AMIS0075	No	01044	IRON, SUSPENDED (UG/L AS FE)	06/07/78-08/04/82	4	12	
AMIS0084	No	01044	IRON, SUSPENDED (UG/L AS FE)	06/07/78-08/04/82	4	11	
AMIS0021	No	01045	IRON, TOTAL (UG/L AS FE)	02/14/78-08/03/82	4	13	
AMIS0023	No	01045	IRON, TOTAL (UG/L AS FE)	10/08/81-08/03/82	0	4	
AMIS0037	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/19/76-10/19/76	0	1	
AMIS0062	No	01045	IRON, TOTAL (UG/L AS FE)	11/06/76-11/06/76	0	1	
AMIS0074	No	01045	IRON, TOTAL (UG/L AS FE)	10/07/81-08/04/82	0	4	
AMIS0075	No	01045	IRON, TOTAL (UG/L AS FE)	10/30/74-08/04/82	7	22	
AMIS0083	No	01045	IRON, TOTAL (UG/L AS FE)	10/07/81-08/04/82	0	4	
AMIS0084	No	01045	IRON, TOTAL (UG/L AS FE)	10/30/74-08/04/82	7	21	
AMIS0021	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/14/78-01/27/93	14	55	
AMIS0023	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/08/81-08/26/92	10	43	
AMIS0074	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/07/81-08/24/92	10	43	
AMIS0075	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/30/74-01/25/93	18	63	
AMIS0083	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/07/81-08/25/92	10	43	
AMIS0084	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/30/74-01/26/93	18	60	
AMIS0021	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/14/78-08/22/91	13	48	
AMIS0023	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/81-08/22/91	9	39	
AMIS0059	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/08/93-07/08/93	0	1	
AMIS0074	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/07/81-08/20/91	9	39	
AMIS0075	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/30/74-08/20/91	16	57	
AMIS0083	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/07/81-08/21/91	9	39	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0084	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/30/74-08/21/91	16	54	
AMIS0021	No	01050	LEAD, SUSPENDED (UG/L AS PB)	02/14/78-02/02/82	3	11	
AMIS0075	No	01050	LEAD, SUSPENDED (UG/L AS PB)	10/18/77-02/03/82	4	13	
AMIS0084	No	01050	LEAD, SUSPENDED (UG/L AS PB)	10/18/77-02/03/82	4	15	
AMIS0021	No	01051	LEAD, TOTAL (UG/L AS PB)	02/14/78-08/03/82	4	13	
AMIS0022	Yes	01051	LEAD, TOTAL (UG/L AS PB)	10/19/76-10/19/76	0	1	
AMIS0023	No	01051	LEAD, TOTAL (UG/L AS PB)	10/08/81-08/03/82	0	4	
AMIS0037	Yes	01051	LEAD, TOTAL (UG/L AS PB)	10/19/76-10/19/76	0	1	
AMIS0041	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/01/73-04/01/73	0	1	
AMIS0059	Yes	01051	LEAD, TOTAL (UG/L AS PB)	03/13/91-07/02/92	1	2	
AMIS0062	No	01051	LEAD, TOTAL (UG/L AS PB)	11/06/76-11/06/76	0	1	
AMIS0065	No	01051	LEAD, TOTAL (UG/L AS PB)	10/06/76-10/06/76	0	1	
AMIS0070	No	01051	LEAD, TOTAL (UG/L AS PB)	04/01/73-04/01/73	0	1	
AMIS0074	No	01051	LEAD, TOTAL (UG/L AS PB)	10/07/81-08/04/82	0	4	
AMIS0075	No	01051	LEAD, TOTAL (UG/L AS PB)	10/30/74-08/04/82	7	22	
AMIS0083	No	01051	LEAD, TOTAL (UG/L AS PB)	10/07/81-08/04/82	0	4	
AMIS0084	No	01051	LEAD, TOTAL (UG/L AS PB)	10/30/74-08/04/82	7	21	
AMIS0009	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/28/78-07/02/92	13	10	
AMIS0060	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0062	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0065	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0074	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/73-06/23/88	14	5	
AMIS0077	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/73-11/07/77	3	3	
AMIS0079	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/73-11/07/77	3	4	
AMIS0083	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/73-11/27/78	4	5	
AMIS0009	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/28/78-07/02/92	13	10	
AMIS0060	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0062	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0065	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0074	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/73-06/23/88	14	5	
AMIS0077	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/73-11/07/77	3	3	
AMIS0079	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/73-11/07/77	3	4	
AMIS0083	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/73-11/27/78	4	5	
AMIS0021	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	02/14/78-08/03/82	4	10	
AMIS0075	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	10/18/77-10/07/81	3	12	
AMIS0084	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	10/18/77-08/04/82	4	14	
AMIS0021	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/14/78-08/03/82	4	13	
AMIS0023	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/08/81-08/03/82	0	4	
AMIS0037	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/19/76-10/19/76	0	1	
AMIS0041	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/01/73-04/01/73	0	1	
AMIS0062	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/06/76-11/06/76	0	1	
AMIS0070	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/01/73-04/01/73	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0074	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/07/81-08/04/82	0	4	
AMIS0075	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/30/74-08/04/82	7	22	
AMIS0083	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/07/81-08/04/82	0	4	
AMIS0084	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/30/74-08/04/82	7	21	
AMIS0021	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/14/78-01/27/93	14	55	
AMIS0023	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/81-08/26/92	10	43	
AMIS0074	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/07/81-08/24/92	10	43	
AMIS0075	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/30/74-01/25/93	18	63	
AMIS0083	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/07/81-08/25/92	10	43	
AMIS0084	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/30/74-01/26/93	18	60	
AMIS0021	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/26/82-01/27/93	10	41	
AMIS0023	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/26/82-08/26/92	9	39	
AMIS0074	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-08/24/92	9	39	
AMIS0075	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-01/25/93	10	41	
AMIS0083	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-08/25/92	9	39	
AMIS0084	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-01/26/93	10	39	
AMIS0021	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/05/80-01/27/93	12	49	
AMIS0023	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/08/81-08/26/92	10	43	
AMIS0059	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/93-07/08/93	0	1	
AMIS0074	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/07/81-08/24/92	10	43	
AMIS0075	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/30/74-01/25/93	18	54	
AMIS0083	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/07/81-08/25/92	10	43	
AMIS0084	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/30/74-01/26/93	18	50	
AMIS0021	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	02/05/80-02/02/82	1	6	
AMIS0075	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	02/06/80-02/03/82	1	6	
AMIS0084	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	02/06/80-02/03/82	1	7	
AMIS0021	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/05/80-08/03/82	2	8	
AMIS0023	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/08/81-08/03/82	0	4	
AMIS0037	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	10/19/76-10/19/76	0	1	
AMIS0041	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/01/73-04/01/73	0	1	
AMIS0059	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	03/13/91-07/02/92	1	2	
AMIS0062	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/06/76-11/06/76	0	1	
AMIS0070	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/01/73-04/01/73	0	1	
AMIS0074	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/07/81-08/04/82	0	4	
AMIS0075	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/06/80-08/04/82	2	8	
AMIS0083	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/07/81-08/04/82	0	4	
AMIS0084	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/06/80-08/04/82	2	9	
AMIS0009	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/78-07/02/92	13	10	
AMIS0060	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0062	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0065	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0074	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-06/23/88	14	5	
AMIS0077	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/07/77	3	3	
AMIS0079	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/07/77	3	4	
AMIS0083	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/27/78	4	5	
AMIS0021	No	01075	SILVER, DISSOLVED (UG/L AS AG)	02/14/78-01/27/93	14	54	
AMIS0023	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/81-08/26/92	10	43	
AMIS0059	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/93-07/08/93	0	1	
AMIS0074	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/07/81-08/24/92	10	43	
AMIS0075	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/19/76-01/25/93	16	58	
AMIS0083	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/07/81-08/25/92	10	43	
AMIS0084	No	01075	SILVER, DISSOLVED (UG/L AS AG)	06/22/77-01/26/93	15	58	
AMIS0021	No	01076	SILVER, SUSPENDED (UG/L AS AG)	02/14/78-10/08/81	3	10	
AMIS0075	No	01076	SILVER, SUSPENDED (UG/L AS AG)	10/18/77-10/07/81	3	12	
AMIS0084	No	01076	SILVER, SUSPENDED (UG/L AS AG)	10/18/77-10/07/81	3	14	
AMIS0021	No	01077	SILVER, TOTAL (UG/L AS AG)	02/14/78-08/03/82	4	17	
AMIS0023	No	01077	SILVER, TOTAL (UG/L AS AG)	10/08/81-08/03/82	0	4	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0041	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/01/73-04/01/73	0	1	
AMIS0059	Yes	01077	SILVER, TOTAL (UG/L AS AG)	03/13/91-07/02/92	1	2	
AMIS0070	No	01077	SILVER, TOTAL (UG/L AS AG)	04/01/73-04/01/73	0	1	
AMIS0074	No	01077	SILVER, TOTAL (UG/L AS AG)	10/07/81-08/04/82	0	4	
AMIS0075	No	01077	SILVER, TOTAL (UG/L AS AG)	10/18/77-08/04/82	4	17	
AMIS0083	No	01077	SILVER, TOTAL (UG/L AS AG)	10/07/81-08/04/82	0	4	
AMIS0084	No	01077	SILVER, TOTAL (UG/L AS AG)	08/23/77-08/04/82	4	21	
AMIS0009	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	11/28/78-07/02/92	13	8	
AMIS0060	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0062	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0065	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0074	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/73-06/23/88	14	5	
AMIS0077	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/73-11/07/77	3	3	
AMIS0079	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/73-11/07/77	3	4	
AMIS0083	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/73-11/27/78	4	5	
AMIS0021	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/26/82-01/27/93	10	41	
AMIS0023	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/26/82-08/26/92	9	39	
AMIS0074	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/27/82-08/24/92	9	39	
AMIS0075	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/30/74-01/25/93	18	46	
AMIS0083	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/27/82-08/25/92	9	39	
AMIS0084	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/30/74-01/26/93	18	41	
AMIS0021	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/26/82-01/27/93	10	41	
AMIS0023	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/26/82-08/26/92	9	39	
AMIS0074	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-08/24/92	9	39	
AMIS0075	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-01/25/93	10	41	
AMIS0083	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-08/25/92	9	39	
AMIS0084	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-01/26/93	10	39	
AMIS0021	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/14/78-08/22/91	13	48	
AMIS0023	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/81-08/22/91	9	39	
AMIS0059	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/93-07/08/93	0	1	
AMIS0074	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/07/81-08/20/91	9	39	
AMIS0075	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/30/74-08/20/91	16	57	
AMIS0083	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/07/81-08/21/91	9	39	
AMIS0084	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/30/74-08/21/91	16	54	
AMIS0021	No	01091	ZINC, SUSPENDED (UG/L ZN)	02/14/78-08/03/82	4	13	
AMIS0075	No	01091	ZINC, SUSPENDED (UG/L ZN)	10/18/77-08/04/82	4	15	
AMIS0084	No	01091	ZINC, SUSPENDED (UG/L ZN)	10/18/77-08/04/82	4	17	
AMIS0021	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/14/78-08/03/82	4	13	
AMIS0023	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/08/81-08/03/82	0	4	
AMIS0037	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	10/19/76-10/19/76	0	1	
AMIS0041	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/01/73-04/01/73	0	1	
AMIS0059	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	03/13/91-07/02/92	1	2	
AMIS0062	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/06/76-11/06/76	0	1	
AMIS0070	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/01/73-04/01/73	0	1	
AMIS0074	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/07/81-08/04/82	0	4	
AMIS0075	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/30/74-08/04/82	7	22	
AMIS0081	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/01/73-04/01/73	0	1	
AMIS0083	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/07/81-08/04/82	0	4	
AMIS0084	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/30/74-08/04/82	7	21	
AMIS0009	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0046	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/28/78-07/02/92	13	10	
AMIS0060	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0062	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0065	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0074	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/73-06/23/88	14	5	
AMIS0077	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/73-11/07/77	3	3	
AMIS0079	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/73-11/07/77	3	4	
AMIS0083	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/73-11/27/78	4	5	
AMIS0021	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/26/82-01/27/93	10	41	
AMIS0023	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/26/82-08/26/92	9	39	
AMIS0074	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-08/24/92	9	39	
AMIS0075	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/30/74-01/25/93	18	46	
AMIS0083	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-08/25/92	9	39	
AMIS0084	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/30/74-01/26/93	18	41	
AMIS0021	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/26/82-01/27/93	10	41	
AMIS0023	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/26/82-08/26/92	9	39	
AMIS0074	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/27/82-08/24/92	9	39	
AMIS0075	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/30/74-01/25/93	18	46	
AMIS0083	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/27/82-08/25/92	9	39	
AMIS0084	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/30/74-01/26/93	18	41	
AMIS0021	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/14/78-01/27/93	14	54	
AMIS0023	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/81-08/26/92	10	43	
AMIS0059	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/08/93-07/08/93	0	1	
AMIS0074	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/07/81-08/24/92	10	42	
AMIS0075	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/30/74-01/25/93	18	62	
AMIS0083	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/07/81-08/25/92	10	42	
AMIS0084	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/30/74-01/26/93	18	59	
AMIS0021	No	01146	SELENIUM, SUSPENDED (UG/L AS SE)	02/14/78-10/08/81	3	10	
AMIS0075	No	01146	SELENIUM, SUSPENDED (UG/L AS SE)	10/18/77-06/09/82	4	14	
AMIS0084	No	01146	SELENIUM, SUSPENDED (UG/L AS SE)	10/18/77-08/04/82	4	17	
AMIS0021	No	01147	SELENIUM, TOTAL (UG/L AS SE)	02/14/78-08/03/82	4	13	
AMIS0023	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/08/81-08/03/82	0	4	
AMIS0037	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	10/19/76-10/19/76	0	1	
AMIS0041	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	04/01/73-04/01/73	0	1	
AMIS0059	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	03/13/91-07/02/92	1	2	
AMIS0062	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/06/76-11/06/76	0	1	
AMIS0070	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/01/73-04/01/73	0	1	
AMIS0074	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/07/81-08/04/82	0	4	
AMIS0075	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/30/74-08/04/82	7	21	
AMIS0083	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/07/81-08/04/82	0	4	
AMIS0084	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/30/74-08/04/82	7	21	
AMIS0032	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/15/79-05/15/79	0	1	
AMIS0046	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0059	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/28/78-07/02/92	13	10	
AMIS0074	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/07/77-06/23/88	10	3	
AMIS0077	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/07/77-11/07/77	0	1	
AMIS0079	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/07/77-11/07/77	0	1	
AMIS0083	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/07/77-11/27/78	1	2	
AMIS0023	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	07/23/85-06/03/91	5	7	
AMIS0046	Yes	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	06/19/90-06/19/90	0	1	
AMIS0074	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	08/21/85-06/30/92	6	9	
AMIS0021	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	11/18/86-08/26/92	5	12	
AMIS0023	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	11/18/86-08/26/92	5	12	
AMIS0021	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	11/18/86-08/26/92	5	12	
AMIS0023	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	11/18/86-08/26/92	5	12	
AMIS0021	No	04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	08/26/92-08/26/92	0	1	
AMIS0021	No	04127	ALPHA, SUSPENDED, DRY WEIGHT,SED (AS TH-230) PCI/L	08/26/92-08/26/92	0	1	
AMIS0021	No	09511	RADIUM 226, DISSOLVED, RADON METHOD	11/18/86-08/26/92	5	12	
AMIS0023	No	09511	RADIUM 226, DISSOLVED, RADON METHOD	11/18/86-08/26/92	5	12	
AMIS0021	No	22703	URANIUM, NATURAL, DISSOLVED	01/19/88-08/26/92	4	10	
AMIS0023	No	22703	URANIUM, NATURAL, DISSOLVED	01/19/88-08/26/92	4	10	
AMIS0002	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	0	1	
AMIS0011	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	0	1	
AMIS0012	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0019	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	0	1	
AMIS0021	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/78-08/08/78	0	6	
AMIS0023	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	0	1	
AMIS0042	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	0	1	
AMIS0043	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	0	1	
AMIS0074	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/09/74-07/09/74	0	1	
AMIS0075	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/30/74-06/07/78	3	28	
AMIS0077	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/09/74-07/09/74	0	1	
AMIS0079	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/09/74-07/09/74	0	1	
AMIS0083	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/09/74-07/09/74	0	1	
AMIS0084	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/30/74-08/09/78	3	30	
AMIS0002	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/72-06/07/73	1	6	
AMIS0033	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/72-06/07/73	1	6	
AMIS0040	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/72-06/07/73	1	6	
AMIS0042	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/72-06/07/73	1	6	
AMIS0043	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/72-06/07/73	1	6	
AMIS0074	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/15/72-06/06/73	1	6	
AMIS0077	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/15/72-06/06/73	1	6	
AMIS0079	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/15/72-06/06/73	1	6	
AMIS0083	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/15/72-06/06/73	1	6	
AMIS0002	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-08/18/76	1	8	
AMIS0005	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/27/77-06/21/88	10	5	
AMIS0008	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	16	150	A
AMIS0011	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	18	188	A
AMIS0012	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/13/78	3	20	
AMIS0017	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	14	20	
AMIS0019	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-05/04/78	3	13	
AMIS0023	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-03/18/93	18	50	
AMIS0026	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/14/88-06/21/88	0	2	
AMIS0027	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/14/88-06/21/88	0	2	
AMIS0030	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-05/02/78	3	14	
AMIS0032	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	18	36	
AMIS0042	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-08/29/75	0	5	
AMIS0043	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-08/29/75	0	5	
AMIS0046	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	18	147	
AMIS0048	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/13/78	3	18	
AMIS0049	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-05/02/78	3	13	
AMIS0050	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-07/08/93	18	33	
AMIS0059	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	14	20	
AMIS0074	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-03/17/93	18	61	
AMIS0075	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/30/74-09/29/76	1	11	
AMIS0077	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-05/01/78	3	15	
AMIS0079	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-05/01/78	3	14	
AMIS0083	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-08/20/79	4	19	
AMIS0084	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/30/74-09/29/76	1	13	
AMIS0021	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/17/78-01/27/93	15	84	
AMIS0023	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/08/81-08/26/92	10	54	
AMIS0074	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/24/92	10	65	
AMIS0075	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/19/76-03/01/93	16	110	
AMIS0083	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/25/92	10	46	
AMIS0084	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/26/93	16	89	
AMIS0021	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/17/78-01/27/93	15	84	
AMIS0023	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/08/81-08/26/92	10	54	
AMIS0074	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/24/92	10	65	
AMIS0075	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/19/76-03/01/93	16	110	
AMIS0083	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/25/92	10	46	
AMIS0084	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-01/26/93	16	89	
AMIS0075	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/30/74-09/29/76	1	11	
AMIS0084	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/30/74-09/29/76	1	13	
AMIS0002	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/12/72-08/18/76	4	19	
AMIS0005	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/27/77-06/21/88	10	5	
AMIS0008	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/09/76-07/07/93	16	64	
AMIS0011	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	19	151	
AMIS0017	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/28/78-07/08/93	14	24	
AMIS0023	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/09/74-03/18/93	19	58	
AMIS0026	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/14/88-06/21/88	0	2	
AMIS0027	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/14/88-06/21/88	0	2	
AMIS0032	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/05/93	20	42	
AMIS0033	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/12/72-11/25/85	13	11	
AMIS0043	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/12/72-08/29/75	3	14	
AMIS0046	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	20	117	
AMIS0050	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	20	39	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0059	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/28/78-07/08/93	14	24	
AMIS0061	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/86-12/14/86	0	1	
AMIS0067	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/86-12/14/86	0	2	
AMIS0068	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/86-12/14/86	0	5	
AMIS0069	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/86-12/09/86	0	1	
AMIS0074	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/11/72-07/06/93	21	84	
AMIS0083	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/11/72-08/20/79	7	29	
AMIS0016	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/05/74-10/29/74	0	4	
AMIS0044	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/05/74-10/29/74	0	4	
AMIS0052	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/06/74-10/29/74	0	4	
AMIS0057	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/15/74-10/30/74	0	3	
AMIS0066	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/06/74-10/30/74	0	4	
AMIS0005	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/27/77-06/21/88	10	5	
AMIS0008	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/09/76-07/07/93	16	64	
AMIS0011	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	16	138	
AMIS0017	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/28/78-07/08/93	14	24	
AMIS0023	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/09/76-03/18/93	16	46	
AMIS0026	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/14/88-06/21/88	0	2	
AMIS0027	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/14/88-06/21/88	0	2	
AMIS0032	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/17/77-07/05/93	15	26	
AMIS0033	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/12/85-11/25/85	0	5	
AMIS0046	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	16	104	
AMIS0050	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/17/77-07/08/93	15	26	
AMIS0059	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/28/78-07/08/93	14	24	
AMIS0061	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/86-12/14/86	0	1	
AMIS0067	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/86-12/14/86	0	2	
AMIS0068	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/86-12/14/86	0	5	
AMIS0069	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/86-12/09/86	0	1	
AMIS0074	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/06/93	16	65	
AMIS0083	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-08/20/79	2	12	
AMIS0012	No	32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	11/08/76-05/01/78	1	11	
AMIS0019	No	32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	11/09/76-05/04/78	1	7	
AMIS0030	Yes	32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	08/17/77-08/17/77	0	1	
AMIS0048	No	32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	11/10/76-05/02/78	1	10	
AMIS0049	No	32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	08/17/77-08/17/77	0	1	
AMIS0077	No	32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	11/08/76-05/01/78	1	7	
AMIS0079	No	32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	11/08/76-05/01/78	1	7	
AMIS0075	No	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	01/15/75-01/15/75	0	1	
AMIS0084	No	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	01/15/75-01/14/76	0	2	
AMIS0075	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	01/15/75-01/15/75	0	1	
AMIS0084	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	01/15/75-01/14/76	0	2	
AMIS0012	No	32230	CHLOROPHYLL A (MG/L)	10/17/73-05/01/78	4	23	
AMIS0019	No	32230	CHLOROPHYLL A (MG/L)	03/27/74-05/04/78	4	17	
AMIS0030	Yes	32230	CHLOROPHYLL A (MG/L)	01/17/73-08/17/77	4	16	
AMIS0040	No	32230	CHLOROPHYLL A (MG/L)	04/12/72-07/11/73	1	6	
AMIS0042	Yes	32230	CHLOROPHYLL A (MG/L)	04/12/72-08/29/75	3	13	
AMIS0048	No	32230	CHLOROPHYLL A (MG/L)	01/17/73-05/02/78	5	24	
AMIS0049	No	32230	CHLOROPHYLL A (MG/L)	01/17/73-08/17/77	4	14	
AMIS0077	No	32230	CHLOROPHYLL A (MG/L)	04/11/72-05/01/78	6	24	
AMIS0079	No	32230	CHLOROPHYLL A (MG/L)	04/11/72-05/01/78	6	23	
AMIS0059	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34204	ACENAPHTHYLENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34209	ACENAPHTHENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34218	ACRYLONITRILE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34219	ACRYLONITRILE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34224	ANTHRACENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34237	BENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34238	BENZENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	34241	BENZIDINE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34251	BENZO-A-PYRENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	34258	B-BHC-BETA WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	

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

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From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0074	No	34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34290	BROMOFORM DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34291	BROMOFORM WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34304	CHLOROBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34305	CHLOROBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34314	CHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34315	CHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34318	CHLOROFORM DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34319	CHLOROFORM WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34324	CHRYSENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	06/19/90-07/02/92	2	3	
AMIS0074	No	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34375	ETHYLBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34380	FLUORANTHENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34384	FLUORENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34385	FLUORENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34400	HEXACHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34412	ISOPHORONE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34427	METHYLENE CHLORIDE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34446	NAPHTHALENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34451	NITROBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34465	PHENANTHRENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	34468	PHENOL WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34472	PYRENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34473	PYRENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34483	TOLUENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34484	TOLUENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0059	Yes	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0059	Yes	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	

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

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0074	No	34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34590	2-CHLOROPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34595	2-NITROPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34620	2,4-DINITROPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34650	4-NITROPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	34664	PCB - 1221 WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	34667	PCB - 1232 WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	34669	PCB - 1248 WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	34670	PCB - 1260 WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	34674	PCB - 1016 WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0023	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	05/23/84-06/03/91	7	8	
AMIS0046	Yes	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	06/19/90-06/19/90	0	1	
AMIS0074	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/21/85-06/30/92	6	9	
AMIS0022	Yes	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	10/26/76-10/26/76	0	3	
AMIS0023	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	05/23/84-06/03/91	7	8	
AMIS0046	Yes	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	06/19/90-06/19/90	0	1	
AMIS0065	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	10/06/76-10/06/76	0	4	
AMIS0074	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	08/21/85-06/30/92	6	9	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0074	No	34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	06/30/92-06/30/92	0	1	
AMIS0022	Yes	34685	ENDRIN WET WGTTISMG/KG	10/26/76-10/26/76	0	3	
AMIS0023	No	34685	ENDRIN WET WGTTISMG/KG	05/23/84-06/03/91	7	8	
AMIS0046	Yes	34685	ENDRIN WET WGTTISMG/KG	06/19/90-06/19/90	0	1	
AMIS0065	No	34685	ENDRIN WET WGTTISMG/KG	10/06/76-10/06/76	0	4	
AMIS0074	No	34685	ENDRIN WET WGTTISMG/KG	08/21/85-06/30/92	6	9	
AMIS0023	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	05/23/84-06/03/91	7	8	
AMIS0046	Yes	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	06/19/90-06/19/90	0	1	
AMIS0074	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/21/85-06/30/92	6	9	
AMIS0023	No	34687	HEPTACHLOR WET WGTTISMG/KG	05/23/84-06/03/91	7	8	
AMIS0046	Yes	34687	HEPTACHLOR WET WGTTISMG/KG	06/19/90-06/19/90	0	1	
AMIS0074	No	34687	HEPTACHLOR WET WGTTISMG/KG	08/21/85-06/30/92	6	9	
AMIS0023	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	05/23/84-06/03/91	7	8	
AMIS0046	Yes	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	06/19/90-06/19/90	0	1	
AMIS0074	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	08/21/85-06/30/92	6	9	
AMIS0074	No	34689	PCB - 1242 WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	34690	PCB - 1254 WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0022	Yes	34691	TOXAPHENE WET WGTTISMG/KG	10/26/76-10/26/76	0	3	
AMIS0023	No	34691	TOXAPHENE WET WGTTISMG/KG	05/23/84-06/03/91	7	8	
AMIS0046	Yes	34691	TOXAPHENE WET WGTTISMG/KG	06/19/90-06/19/90	0	1	
AMIS0065	No	34691	TOXAPHENE WET WGTTISMG/KG	10/06/76-10/06/76	0	4	
AMIS0074	No	34691	TOXAPHENE WET WGTTISMG/KG	08/21/85-06/30/92	6	9	
AMIS0074	No	34692	TRICHLOROETHYLENE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	34693	VINYL CHLORIDE WET WGTTISMG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	07/02/92-07/02/92	0	1	
AMIS0059	Yes	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	06/30/92-06/30/92	0	1	
AMIS0075	No	39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	08/18/76-05/03/78	1	5	
AMIS0084	No	39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	11/17/76-08/09/78	1	8	
AMIS0059	Yes	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/13/91-03/13/91	0	1	
AMIS0075	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	0	2	
AMIS0084	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	0	2	
AMIS0014	No	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	10/23/89-10/28/92	3	4	
AMIS0021	No	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	05/22/90-02/05/91	0	4	
AMIS0028	No	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	04/11/91-04/11/91	0	1	
AMIS0033	No	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	10/18/89-09/16/92	2	34	
AMIS0034	No	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	10/18/89-02/17/93	3	38	
AMIS0035	No	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	10/24/89-10/28/92	3	3	
AMIS0047	Yes	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	03/02/90-02/25/93	2	8	
AMIS0075	No	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	03/21/90-02/06/91	0	6	
AMIS0084	No	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	05/23/90-02/06/91	0	4	
AMIS0084	No	39046	SIMAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/17/76-11/17/76	0	1	
AMIS0074	No	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	06/30/92-06/30/92	0	1	
AMIS0050	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	06/26/86-07/02/92	6	6	
AMIS0074	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/21/85-06/23/88	2	4	
AMIS0022	Yes	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/26/76-10/26/76	0	3	
AMIS0023	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	05/23/84-06/23/88	4	5	
AMIS0065	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/06/76-10/06/76	0	4	
AMIS0074	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/21/85-06/23/88	2	4	
AMIS0050	No	39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	06/26/86-10/19/88	2	3	
AMIS0074	No	39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	08/21/85-06/23/88	2	4	
AMIS0022	Yes	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/26/76-10/26/76	0	3	
AMIS0023	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	05/23/84-06/23/88	4	5	
AMIS0065	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/06/76-10/06/76	0	4	
AMIS0074	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/21/85-06/23/88	2	4	
AMIS0050	No	39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	06/26/86-10/19/88	2	3	
AMIS0074	No	39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	08/21/85-06/23/88	2	4	
AMIS0046	Yes	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	06/21/84-06/21/84	0	1	
AMIS0022	Yes	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/26/76-10/26/76	0	3	
AMIS0023	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	05/23/84-06/23/88	4	5	
AMIS0065	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/06/76-10/06/76	0	4	
AMIS0074	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	08/21/85-06/23/88	2	4	
AMIS0050	No	39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	06/26/86-10/19/88	2	3	
AMIS0074	No	39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	08/21/85-06/23/88	2	4	
AMIS0022	Yes	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/26/76-10/26/76	0	3	
AMIS0023	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	05/23/84-06/23/88	4	5	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0065	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/06/76-10/06/76	0	4	
AMIS0074	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/21/85-06/30/92	6	5	
AMIS0023	No	39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	05/23/84-06/03/91	7	8	
AMIS0046	Yes	39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	06/19/90-06/19/90	0	1	
AMIS0074	No	39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	08/21/85-06/30/92	6	9	
AMIS0050	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	06/26/86-07/02/92	6	4	
AMIS0074	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	08/21/85-06/23/88	2	4	
AMIS0021	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/07/89-01/27/93	3	14	
AMIS0023	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/07/89-08/26/92	2	12	
AMIS0074	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/08/89-08/24/92	2	17	
AMIS0075	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/08/89-03/01/93	3	20	
AMIS0083	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/08/89-08/25/92	2	12	
AMIS0084	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/08/89-01/26/93	3	14	
AMIS0074	No	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	06/30/92-06/30/92	0	1	
AMIS0032	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	05/15/79-05/15/79	0	1	
AMIS0046	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	08/24/82-08/24/82	0	1	
AMIS0050	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	05/15/79-05/15/79	0	1	
AMIS0059	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	08/24/82-07/02/92	9	2	
AMIS0022	Yes	39105	PERCENT FAT HEXANE EXTRACTION	10/26/76-10/26/76	0	3	
AMIS0065	No	39105	PERCENT FAT HEXANE EXTRACTION	10/06/76-10/06/76	0	4	
AMIS0032	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	05/15/79-05/15/79	0	1	
AMIS0046	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	08/24/82-08/24/82	0	1	
AMIS0050	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	05/15/79-05/15/79	0	1	
AMIS0059	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	08/24/82-07/02/92	9	2	
AMIS0059	Yes	39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	07/02/92-07/02/92	0	1	
AMIS0059	Yes	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	07/02/92-07/02/92	0	1	
AMIS0074	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	02/03/82-06/09/82	0	2	
AMIS0075	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	02/03/82-06/09/82	0	2	
AMIS0083	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	02/03/82-06/09/82	0	2	
AMIS0084	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	02/03/82-06/09/82	0	2	
AMIS0074	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	10/07/81-06/09/82	0	2	
AMIS0075	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	10/07/81-06/09/82	0	2	
AMIS0083	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	10/07/81-06/09/82	0	2	
AMIS0084	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	10/07/81-06/09/82	0	2	
AMIS0022	Yes	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/26/76-10/26/76	0	3	
AMIS0065	No	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/06/76-10/06/76	0	4	
AMIS0022	Yes	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0050	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-10/19/88	2	3	
AMIS0065	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	2	4	
AMIS0022	Yes	39302	P P DDT IN TISSUE WET WGT (UG/G)	10/26/76-10/26/76	0	3	
AMIS0023	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	05/23/84-06/23/88	4	5	
AMIS0065	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	10/06/76-10/06/76	0	4	
AMIS0074	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	08/21/85-06/23/88	2	4	
AMIS0050	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-10/19/88	2	3	
AMIS0074	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	2	4	
AMIS0022	Yes	39307	O P DDT IN TISSUE WET WGT (UG/G)	10/26/76-10/26/76	0	3	
AMIS0023	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	05/23/84-06/23/88	4	5	
AMIS0065	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	10/06/76-10/06/76	0	4	
AMIS0074	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	08/21/85-06/23/88	2	4	
AMIS0022	Yes	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0050	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-10/19/88	2	3	
AMIS0065	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	2	4	
AMIS0022	Yes	39312	P P DDD IN TISSUE WET WGT (UG/G)	10/26/76-10/26/76	0	3	
AMIS0023	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	05/23/84-06/23/88	4	5	
AMIS0065	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	10/06/76-10/06/76	0	4	
AMIS0074	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	08/21/85-06/23/88	2	4	
AMIS0050	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-10/19/88	2	3	
AMIS0074	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	2	4	
AMIS0022	Yes	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0050	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-10/19/88	2	3	
AMIS0065	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	2	4	
AMIS0084	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/01/75-07/01/75	0	1	
AMIS0022	Yes	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/26/76-10/26/76	0	3	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0023	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/23/84-06/23/88	4	5	
AMIS0065	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/06/76-10/06/76	0	4	
AMIS0074	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/21/85-06/23/88	2	4	
AMIS0022	Yes	39325	O,P DDD IN TISSUE WET WGT (UG/G)	10/26/76-10/26/76	0	3	
AMIS0023	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	05/23/84-06/23/88	4	5	
AMIS0065	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	10/06/76-10/06/76	0	4	
AMIS0074	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	08/21/85-06/23/88	2	4	
AMIS0050	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/26/86-10/19/88	2	3	
AMIS0074	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	2	4	
AMIS0022	Yes	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	10/26/76-10/26/76	0	3	
AMIS0023	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	05/23/84-06/23/88	4	5	
AMIS0065	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	10/06/76-10/06/76	0	4	
AMIS0074	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	08/21/85-06/23/88	2	4	
AMIS0059	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0074	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	0	2	
AMIS0075	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0083	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	0	2	
AMIS0084	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	0	1	
AMIS0050	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0062	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0065	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	9	7	
AMIS0075	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/09/82	6	4	
AMIS0083	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/09/82	3	3	
AMIS0084	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-06/09/82	6	5	
AMIS0075	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/29/75-06/09/82	6	13	
AMIS0084	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/01/75-06/09/82	6	16	
AMIS0022	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/19/76-10/19/76	0	1	
AMIS0037	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/19/76-10/19/76	0	1	
AMIS0062	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/06/76-10/06/76	0	1	
AMIS0065	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/06/76-10/06/76	0	1	
AMIS0075	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/29/75-06/09/82	6	4	
AMIS0084	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	07/01/75-06/09/82	6	5	
AMIS0059	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/13/91-03/13/91	0	1	
AMIS0075	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/29/75-06/09/82	6	13	
AMIS0084	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/24/82-08/24/82	0	1	
AMIS0050	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0062	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/06/76-10/06/76	0	1	
AMIS0065	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/06/76-10/06/76	0	1	
AMIS0074	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/27/78-06/23/88	9	5	
AMIS0075	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/29/75-06/09/82	6	4	
AMIS0083	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/27/78-11/27/78	0	1	
AMIS0084	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/01/75-06/09/82	6	5	
AMIS0059	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0084	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0029	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	0	1	
AMIS0050	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0062	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	9	5	
AMIS0075	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/09/82	6	4	
AMIS0083	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	0	1	
AMIS0084	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-06/09/82	6	5	
AMIS0059	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0084	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0029	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	0	1	
AMIS0050	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0062	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	9	5	
AMIS0075	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/09/82	6	4	
AMIS0083	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	0	1	
AMIS0084	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/79-06/09/82	2	4	
AMIS0059	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0084	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	0	1	
AMIS0050	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0054	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0062	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0065	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	9	5	
AMIS0075	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/09/82	6	4	
AMIS0083	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	0	1	
AMIS0084	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-06/09/82	6	5	
AMIS0023	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	05/23/84-06/03/91	7	8	
AMIS0046	Yes	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	06/19/90-06/19/90	0	1	
AMIS0074	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	08/21/85-06/30/92	6	9	
AMIS0059	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0084	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/24/82-08/24/82	0	1	
AMIS0050	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0062	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/06/76-10/06/76	0	1	
AMIS0065	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/06/76-10/06/76	0	1	
AMIS0074	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/27/78-06/23/88	9	5	
AMIS0075	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/29/75-06/09/82	6	4	
AMIS0083	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/27/78-11/27/78	0	1	
AMIS0084	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/01/75-06/09/82	6	5	
AMIS0059	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	0	2	
AMIS0084	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	0	2	
AMIS0059	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/02/92-07/02/92	0	1	
AMIS0075	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/07/81-06/09/82	0	2	
AMIS0084	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/07/81-06/09/82	0	2	
AMIS0059	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0084	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	0	1	
AMIS0050	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0062	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0065	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	9	5	
AMIS0075	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/09/82	6	4	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0083	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	0	1	
AMIS0084	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-06/09/82	6	5	
AMIS0075	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0084	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0075	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/29/75-06/20/79	3	2	
AMIS0084	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/01/75-12/12/79	4	3	
AMIS0059	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0084	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/24/82-08/24/82	0	1	
AMIS0050	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0062	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/06/76-10/06/76	0	1	
AMIS0065	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/06/76-10/06/76	0	1	
AMIS0074	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/27/78-06/23/88	9	5	
AMIS0075	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/29/75-06/09/82	6	4	
AMIS0083	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/27/78-11/27/78	0	1	
AMIS0084	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/01/75-06/09/82	6	5	
AMIS0022	Yes	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/26/76-10/26/76	0	3	
AMIS0065	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/06/76-10/06/76	0	4	
AMIS0023	No	39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	05/23/84-06/03/91	7	8	
AMIS0046	Yes	39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	06/19/90-06/19/90	0	1	
AMIS0074	No	39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	08/21/85-06/30/92	6	9	
AMIS0059	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0079	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0083	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0084	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	0	1	
AMIS0050	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0062	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0065	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	9	5	
AMIS0075	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/09/82	6	4	
AMIS0083	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	0	1	
AMIS0084	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/01/75-06/09/82	6	5	
AMIS0059	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0079	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0083	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0084	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0009	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/24/82-08/24/82	0	1	
AMIS0050	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0062	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/06/76-10/06/76	0	1	
AMIS0065	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/06/76-10/06/76	0	1	
AMIS0074	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/27/78-06/23/88	9	5	
AMIS0075	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/29/75-06/09/82	6	4	
AMIS0083	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/27/78-11/27/78	0	1	
AMIS0084	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/01/75-06/09/82	6	5	
AMIS0059	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0079	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0083	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0084	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/24/82-08/24/82	0	1	
AMIS0050	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	0	1	
AMIS0062	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/06/76-10/06/76	0	1	
AMIS0065	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/06/76-10/06/76	0	1	
AMIS0074	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/27/78-06/23/88	9	5	
AMIS0075	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/29/75-06/09/82	6	4	
AMIS0083	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/27/78-11/27/78	0	1	
AMIS0084	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/01/75-06/09/82	6	5	
AMIS0059	Yes	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/02/92-07/02/92	0	1	
AMIS0059	Yes	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/02/92-07/02/92	0	1	
AMIS0059	Yes	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/02/92-07/02/92	0	1	
AMIS0059	Yes	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/02/92-07/02/92	0	1	
AMIS0075	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/12/80-08/12/80	0	1	
AMIS0084	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/09/77-11/09/77	0	1	
AMIS0059	Yes	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/02/92-07/02/92	0	1	
AMIS0059	Yes	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/02/92-07/02/92	0	1	
AMIS0059	Yes	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/02/92-07/02/92	0	1	
AMIS0022	Yes	39515	PCBS (MG/KG) FISH TISSUE MG/KG	10/26/76-10/26/76	0	3	
AMIS0023	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	05/23/84-06/03/91	7	8	
AMIS0046	Yes	39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/19/90-06/19/90	0	1	
AMIS0065	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	10/06/76-10/06/76	0	4	
AMIS0074	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	08/21/85-06/04/91	5	8	
AMIS0059	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0074	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	0	2	
AMIS0075	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/15/78-06/09/82	4	8	
AMIS0079	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0083	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	12/10/74-06/09/82	7	3	

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Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0084	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/15/78-06/09/82	4	10	
AMIS0009	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/82-08/24/82	0	1	
AMIS0050	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/78-03/13/91	12	8	
AMIS0060	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0062	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0065	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/27/78-06/23/88	9	7	
AMIS0075	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/79-06/09/82	2	3	
AMIS0083	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/27/78-06/09/82	3	3	
AMIS0084	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/79-06/09/82	2	4	
AMIS0059	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0079	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0083	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0084	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0032	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	0	1	
AMIS0046	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	0	1	
AMIS0050	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	6	2	
AMIS0059	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-07/02/92	9	7	
AMIS0074	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/21/85-06/23/88	2	4	
AMIS0075	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/20/79	3	2	
AMIS0084	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-12/12/79	4	3	
AMIS0074	No	39534	MALATHION IN TISSUE WET WEIGHT MG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0079	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0083	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0084	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	0	1	
AMIS0050	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0062	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0065	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	9	5	
AMIS0075	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/20/79	3	2	
AMIS0083	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	0	1	
AMIS0084	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-12/12/79	4	3	
AMIS0059	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0084	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	

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Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0018	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	0	1	
AMIS0050	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0062	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0065	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	9	5	
AMIS0075	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/20/79	3	2	
AMIS0083	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	0	1	
AMIS0084	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-12/12/79	4	3	
AMIS0059	Yes	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/02/92-07/02/92	0	1	
AMIS0075	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0084	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0009	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/24/82-08/24/82	0	1	
AMIS0050	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	11/28/78-10/19/88	9	6	
AMIS0060	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0062	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0065	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	11/27/78-06/23/88	9	5	
AMIS0075	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	10/29/75-06/20/79	3	2	
AMIS0083	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	11/27/78-11/27/78	0	1	
AMIS0084	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	07/01/75-12/12/79	4	3	
AMIS0075	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	10/29/75-05/03/78	2	6	
AMIS0084	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	11/17/76-08/09/78	1	8	
AMIS0084	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/17/76-11/17/76	0	1	
AMIS0059	Yes	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0050	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	06/26/86-07/02/92	6	6	
AMIS0074	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	2	4	
AMIS0059	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	07/02/92-07/02/92	0	1	
AMIS0059	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	8	
AMIS0084	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	11/17/76-06/09/82	5	11	
AMIS0050	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/86-07/02/92	6	6	
AMIS0074	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	2	4	
AMIS0075	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/29/75-10/29/75	0	1	
AMIS0084	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/17/76-11/17/76	0	1	
AMIS0059	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0075	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	8	
AMIS0084	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	11/17/76-06/09/82	5	11	
AMIS0050	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	0	1	
AMIS0059	Yes	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/86-07/02/92	6	6	
AMIS0074	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	2	4	
AMIS0075	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/29/75-10/29/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0084	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/17/76-11/17/76	0	1	
AMIS0075	No	39755	MIREX, TOTAL (UG/L)	02/03/82-06/09/82	0	2	
AMIS0084	No	39755	MIREX, TOTAL (UG/L)	02/03/82-06/09/82	0	2	
AMIS0075	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	10/07/81-06/09/82	0	2	
AMIS0084	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	10/07/81-06/09/82	0	2	
AMIS0075	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	8	
AMIS0084	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	11/17/76-06/09/82	5	11	
AMIS0009	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0022	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0037	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0050	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	0	1	
AMIS0051	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/78-07/02/92	13	6	
AMIS0060	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0062	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0065	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	0	1	
AMIS0074	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/27/78-06/23/88	9	5	
AMIS0075	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/29/75-10/29/75	0	1	
AMIS0083	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/27/78-11/27/78	0	1	
AMIS0084	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/17/76-11/17/76	0	1	
AMIS0059	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	0	1	
AMIS0079	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0083	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	0	1	
AMIS0009	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0029	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0031	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/15/79-05/15/79	0	1	
AMIS0039	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/82-08/24/82	0	1	
AMIS0050	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/78-07/02/92	13	9	
AMIS0060	Yes	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	0	1	
AMIS0074	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/27/78-06/23/88	9	5	
AMIS0083	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/27/78-11/27/78	0	1	
AMIS0022	Yes	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/26/76-10/26/76	0	3	
AMIS0065	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/06/76-10/06/76	0	4	
AMIS0075	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0084	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0075	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/29/75-06/20/79	3	2	
AMIS0084	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/01/75-12/12/79	4	3	
AMIS0075	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	6	13	
AMIS0084	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	6	16	
AMIS0075	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	10/29/75-06/20/79	3	2	
AMIS0084	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	07/01/75-12/12/79	4	3	
AMIS0059	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	07/02/92-07/02/92	0	1	
AMIS0074	No	45511	XYLENE TISSUE ,WET WGT,MG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	46290	BETA BHC IN SOIL (NG/G DRY WGT)	07/02/92-07/02/92	0	1	
AMIS0059	Yes	46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	07/02/92-07/02/92	0	1	
AMIS0021	No	60050	ALGAE, TOTAL (CELLS/ML)	03/21/78-09/08/81	3	12	
AMIS0075	No	60050	ALGAE, TOTAL (CELLS/ML)	10/30/74-07/08/81	6	31	
AMIS0084	No	60050	ALGAE, TOTAL (CELLS/ML)	10/30/74-07/23/80	5	32	
AMIS0012	No	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	09/18/73-07/13/78	4	29	
AMIS0019	No	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	03/27/74-05/04/78	4	21	
AMIS0030	Yes	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	5	162	
AMIS0040	No	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	02/10/72-08/08/73	1	16	
AMIS0042	Yes	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	02/10/72-08/29/75	3	34	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0048	No	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-07/13/78	5	173	
AMIS0049	No	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	5	153	
AMIS0077	No	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	12/04/71-05/01/78	6	43	
AMIS0079	No	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	02/08/72-05/01/78	6	46	
AMIS0004	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/10/67-07/05/67	0	4	
AMIS0005	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/27/77-06/21/88	10	4	
AMIS0007	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/10/67-09/06/67	0	5	
AMIS0008	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-06/21/88	10	29	
AMIS0011	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	15	143	
AMIS0012	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-05/01/78	0	8	
AMIS0013	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/11/67-09/07/67	0	5	
AMIS0017	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/28/78-11/13/84	5	7	
AMIS0019	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-05/04/78	0	4	
AMIS0021	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/10/67-01/27/93	26	86	S
AMIS0023	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-08/26/92	15	73	
AMIS0025	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/20/67-09/07/67	0	3	
AMIS0026	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/14/88-06/21/88	0	2	
AMIS0027	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/14/88-06/21/88	0	2	
AMIS0030	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-08/17/77	0	1	
AMIS0032	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/13/84	7	9	
AMIS0033	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/12/85-11/25/85	0	5	
AMIS0034	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/22/77-08/17/77	0	3	
AMIS0038	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/83-07/23/87	4	6	
AMIS0046	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	15	121	
AMIS0047	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/83-07/23/87	4	7	
AMIS0048	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-05/02/78	0	7	
AMIS0049	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-08/17/77	0	1	
AMIS0050	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/13/84	7	9	
AMIS0058	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/11/67-09/07/67	0	5	
AMIS0059	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/28/78-11/13/84	5	7	
AMIS0061	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/14/86-12/14/86	0	1	
AMIS0067	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/14/86-12/14/86	0	1	
AMIS0068	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/14/86-12/14/86	0	1	
AMIS0074	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	15	98	
AMIS0075	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/30/74-03/01/93	18	116	
AMIS0077	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-05/01/78	0	4	
AMIS0078	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/64-10/01/64	0	1	
AMIS0079	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-05/01/78	0	4	
AMIS0083	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/25/92	15	53	
AMIS0084	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/30/74-01/26/93	18	99	
AMIS0007	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/07/67-01/11/68	0	2	
AMIS0013	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/08/67-11/08/67	0	1	
AMIS0014	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/03/70-11/09/82	12	8	
AMIS0021	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/14/67-04/05/83	15	39	
AMIS0023	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/08/81-04/05/83	1	9	
AMIS0025	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/08/67-11/08/67	0	1	
AMIS0028	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/04/70-11/08/79	9	5	
AMIS0033	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/81-03/16/83	1	18	
AMIS0034	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-03/16/83	11	139	
AMIS0035	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/06/71-11/09/82	11	5	
AMIS0058	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/08/67-01/03/68	0	2	
AMIS0074	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/07/81-11/14/90	9	10	
AMIS0075	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-02/02/83	11	121	
AMIS0078	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-09/01/73	2	30	
AMIS0083	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/07/81-02/02/83	1	8	
AMIS0084	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/73-02/02/83	9	95	
AMIS0021	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	01/17/78-02/01/83	5	36	
AMIS0034	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/75-01/19/83	7	87	
AMIS0075	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/74-02/02/83	8	84	
AMIS0084	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/30/74-02/02/83	8	88	
AMIS0004	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/10/67-07/05/67	0	4	
AMIS0007	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/10/67-01/11/68	1	7	
AMIS0013	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/67-11/08/67	0	6	
AMIS0014	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/01/77-11/13/78	1	2	
AMIS0021	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/10/67-02/01/83	16	43	
AMIS0025	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/20/67-11/08/67	0	4	
AMIS0028	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/02/78-05/02/78	0	1	
AMIS0034	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/16/83	11	139	
AMIS0035	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/04/77-11/03/78	1	2	
AMIS0058	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/67-01/03/68	0	7	
AMIS0075	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/02/83	11	123	
AMIS0078	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/64-09/01/73	8	32	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0084	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/73-02/02/83	9	96	
AMIS0077	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	12/04/73-11/07/77	3	3	
AMIS0079	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	12/04/73-11/07/77	3	4	
AMIS0021	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/17/78-08/26/92	14	81	
AMIS0023	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/81-08/26/92	10	53	
AMIS0074	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/81-08/24/92	10	63	
AMIS0075	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/30/74-08/24/92	17	117	
AMIS0083	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/81-08/25/92	10	45	
AMIS0084	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/30/74-08/25/92	17	100	
AMIS0021	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/90-12/01/92	2	9	
AMIS0023	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/90-08/26/92	1	8	
AMIS0074	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/07/90-08/24/92	1	11	
AMIS0075	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/07/90-12/03/92	2	12	
AMIS0083	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/07/90-08/25/92	1	8	
AMIS0084	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/07/90-12/02/92	2	9	
AMIS0021	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	12/11/79-08/12/80	0	3	
AMIS0075	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	12/12/79-04/09/80	0	2	
AMIS0084	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	12/12/79-04/09/80	0	2	
AMIS0021	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	05/02/78-08/12/80	2	4	
AMIS0075	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	01/18/78-04/09/80	2	4	
AMIS0084	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	11/09/77-04/09/80	2	3	
AMIS0021	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	05/02/78-08/12/80	2	4	
AMIS0075	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	01/18/78-04/09/80	2	4	
AMIS0084	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	11/09/77-04/09/80	2	3	
AMIS0021	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/17/79-01/13/81	1	14	
AMIS0075	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/18/78-01/14/81	2	16	
AMIS0084	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/18/79-01/14/81	1	16	
AMIS0021	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/13/79-02/01/83	3	23	
AMIS0075	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/14/79-02/02/83	3	23	
AMIS0084	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/14/79-02/02/83	3	24	
AMIS0004	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/10/67-07/05/67	0	4	
AMIS0007	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/10/67-01/11/68	1	7	
AMIS0013	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/11/67-11/08/67	0	6	
AMIS0021	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/10/67-01/10/68	1	7	
AMIS0025	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/20/67-11/08/67	0	4	
AMIS0058	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/11/67-01/03/68	0	7	
AMIS0078	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/01/64-10/01/64	0	1	
AMIS0021	No	71870	BROMIDE (MG/L AS BR)	06/10/92-06/10/92	0	1	
AMIS0021	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/17/79-04/03/84	4	29	
AMIS0075	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/78-06/05/85	7	30	
AMIS0084	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-02/08/84	4	31	
AMIS0021	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	01/17/78-09/08/81	3	28	
AMIS0075	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/30/74-07/08/81	6	53	
AMIS0084	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/30/74-09/09/81	6	56	
AMIS0021	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	02/14/78-08/22/91	13	48	
AMIS0023	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/81-08/22/91	9	39	
AMIS0059	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/08/93-07/08/93	0	1	
AMIS0074	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/07/81-08/20/91	9	39	
AMIS0075	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/30/74-08/20/91	16	57	
AMIS0083	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/07/81-08/21/91	9	39	
AMIS0084	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/30/74-08/21/91	16	54	
AMIS0021	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	02/14/78-10/08/81	3	10	
AMIS0075	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	10/18/77-10/07/81	3	12	
AMIS0084	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	10/18/77-10/07/81	3	14	
AMIS0021	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/14/78-08/03/82	4	13	
AMIS0022	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/19/76-10/19/76	0	1	
AMIS0023	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/08/81-08/03/82	0	4	
AMIS0037	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/19/76-10/19/76	0	1	
AMIS0041	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/01/73-04/01/73	0	1	
AMIS0059	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	03/13/91-07/02/92	1	2	
AMIS0062	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/06/76-11/06/76	0	1	
AMIS0065	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/06/76-10/06/76	0	1	
AMIS0070	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/01/73-04/01/73	0	1	
AMIS0074	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/07/81-08/04/82	0	4	
AMIS0075	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/30/74-08/04/82	7	21	
AMIS0079	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/17/76-08/17/76	0	1	
AMIS0081	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/01/73-04/01/73	0	1	
AMIS0083	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/17/76-08/04/82	5	5	
AMIS0084	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/30/74-08/04/82	7	21	
AMIS0009	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0015	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0018	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0022	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0029	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0032	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/79-05/15/79	0	1	
AMIS0037	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/19/76-10/19/76	0	1	
AMIS0039	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0046	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/24/82-08/24/82	0	1	
AMIS0050	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/79-08/20/85	6	2	
AMIS0051	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0053	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0054	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0055	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0056	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0059	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/28/78-07/02/92	13	10	
AMIS0060	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	0	1	
AMIS0062	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0065	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/06/76-10/06/76	0	1	
AMIS0074	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/73-06/23/88	14	5	
AMIS0077	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/73-11/07/77	3	3	
AMIS0079	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/73-11/07/77	3	4	
AMIS0081	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/01/73-04/01/73	0	1	
AMIS0083	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/73-11/27/78	4	5	
AMIS0022	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/26/76-10/26/76	0	3	
AMIS0023	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/84-06/03/91	7	8	
AMIS0046	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/19/90-06/19/90	0	1	
AMIS0065	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/76-10/06/76	0	4	
AMIS0074	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/21/85-06/30/92	6	9	
AMIS0022	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/26/76-10/26/76	0	3	
AMIS0023	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/84-06/03/91	7	8	
AMIS0046	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/19/90-06/19/90	0	1	
AMIS0065	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/06/76-10/06/76	0	4	
AMIS0074	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/85-06/30/92	6	9	
AMIS0023	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/84-06/03/91	7	8	
AMIS0046	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/19/90-06/19/90	0	1	
AMIS0074	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/85-06/30/92	6	9	
AMIS0023	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/84-06/03/91	7	8	
AMIS0046	Yes	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/19/90-06/19/90	0	1	
AMIS0074	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/85-06/30/92	6	9	
AMIS0022	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/26/76-10/26/76	0	3	
AMIS0023	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/84-06/03/91	7	8	
AMIS0046	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/19/90-06/19/90	0	1	
AMIS0065	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/76-10/06/76	0	4	
AMIS0074	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/21/85-06/30/92	6	9	
AMIS0016	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	03/05/74-10/29/74	0	4	
AMIS0017	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	11/28/78-12/09/87	9	5	
AMIS0030	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-05/02/78	1	6	
AMIS0032	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-12/09/87	10	12	
AMIS0044	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	03/05/74-10/29/74	0	4	
AMIS0046	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/75-12/09/87	12	13	
AMIS0048	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-05/02/78	1	6	
AMIS0049	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-05/02/78	1	6	
AMIS0050	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-03/04/92	15	13	
AMIS0052	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	03/06/74-10/29/74	0	4	
AMIS0057	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	05/15/74-10/30/74	0	3	
AMIS0059	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	11/28/78-03/04/92	13	6	
AMIS0066	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	03/06/74-10/30/74	0	4	
AMIS0008	No	72053	DAYS SINCE PRECIPITATION EVENT DAYS	11/14/90-03/16/93	2	8	
AMIS0011	No	72053	DAYS SINCE PRECIPITATION EVENT DAYS	05/23/90-03/16/93	2	23	
AMIS0023	No	72053	DAYS SINCE PRECIPITATION EVENT DAYS	03/11/91-03/18/93	2	4	
AMIS0046	Yes	72053	DAYS SINCE PRECIPITATION EVENT DAYS	05/23/90-11/18/92	2	17	
AMIS0074	No	72053	DAYS SINCE PRECIPITATION EVENT DAYS	11/14/90-03/17/93	2	7	
AMIS0059	Yes	73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	07/02/92-07/02/92	0	1	
AMIS0059	Yes	73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	07/02/92-07/02/92	0	1	
AMIS0008	No	74069	FLOW, ESTIMATED STREAM CFS	06/27/86-05/24/89	2	2	
AMIS0023	No	74069	FLOW, ESTIMATED STREAM CFS	05/05/83-05/05/83	0	1	
AMIS0069	Yes	74069	FLOW, ESTIMATED STREAM CFS	12/09/86-12/09/86	0	1	
AMIS0074	No	74069	FLOW, ESTIMATED STREAM CFS	12/02/86-11/14/90	3	4	
AMIS0021	No	75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	02/07/89-08/26/92	3	8	
AMIS0021	No	75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	02/07/89-08/26/92	3	8	
AMIS0021	No	75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	02/07/89-08/26/92	3	8	
AMIS0021	No	75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	02/07/89-08/26/92	3	8	
AMIS0021	No	75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	01/30/90-08/26/92	2	6	
AMIS0021	No	76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	01/30/90-08/26/92	2	6	

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

Station/Parameter Period of Record Tabulation
From 10/01/64 To 07/08/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
AMIS0021	No	76004	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,WTR PC/L	02/07/89-08/26/92	3	8	
AMIS0021	No	76005	BETA GROSS,SUSP,1 SIGMA PRC EST AS SR90/Y90 PC/L	02/07/89-08/26/92	3	8	
AMIS0059	Yes	78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	07/02/92-07/02/92	0	1	
AMIS0059	Yes	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	07/02/92-07/02/92	0	1	
AMIS0059	Yes	79800	MIREX SEDIMENT,DRY,WT,UG/KG	07/02/92-07/02/92	0	1	
AMIS0021	No	80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	11/18/86-05/12/87	0	2	
AMIS0023	No	80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	11/18/86-05/12/87	0	2	
AMIS0021	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	11/18/86-08/26/92	5	12	
AMIS0023	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	11/18/86-08/26/92	5	12	
AMIS0021	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	11/18/86-08/26/92	5	12	
AMIS0023	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	11/18/86-08/26/92	5	12	
AMIS0021	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	11/18/86-08/26/92	5	12	
AMIS0023	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	11/18/86-08/26/92	5	12	
AMIS0021	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	11/18/86-08/26/92	5	12	
AMIS0023	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	11/18/86-08/26/92	5	12	
AMIS0077	No	80106	PHOSPHORUS IN PARTICULATES (MG/KG DRY WT)	12/04/73-12/04/73	0	1	
AMIS0079	No	80106	PHOSPHORUS IN PARTICULATES (MG/KG DRY WT)	12/04/73-06/09/75	1	2	
AMIS0021	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/17/78-08/26/92	14	81	
AMIS0023	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/08/81-08/26/92	10	53	
AMIS0074	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/07/81-08/24/92	10	63	
AMIS0075	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/30/74-08/24/92	17	117	
AMIS0083	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/07/81-08/25/92	10	45	
AMIS0084	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/30/74-08/25/92	17	100	
AMIS0021	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/17/78-08/03/82	4	34	
AMIS0023	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/08/81-08/03/82	0	6	
AMIS0074	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/07/81-08/04/82	0	6	
AMIS0075	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/30/74-08/04/82	7	60	
AMIS0083	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/07/81-08/04/82	0	6	
AMIS0084	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/30/74-08/04/82	7	63	
AMIS0083	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/12/83-10/12/83	0	1	
AMIS0084	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/12/83-10/12/83	0	1	
AMIS0059	Yes	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	07/02/92-07/02/92	0	1	
AMIS0059	Yes	81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	07/02/92-07/02/92	0	1	
AMIS0022	Yes	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/26/76-10/26/76	0	3	
AMIS0023	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/23/84-06/03/91	7	7	
AMIS0065	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/06/76-10/06/76	0	4	
AMIS0074	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	08/21/85-06/30/92	6	7	
AMIS0023	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/23/84-06/03/91	7	7	
AMIS0074	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	08/21/85-06/30/92	6	7	
AMIS0023	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	05/23/84-06/03/91	7	8	
AMIS0046	Yes	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	06/19/90-06/19/90	0	1	
AMIS0074	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/21/85-06/30/92	6	9	
AMIS0074	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/30/92-06/30/92	0	1	
AMIS0074	No	81759	ENDOSULFAN IN FISH TISSUE WET WEIGHT MG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	06/30/92-06/30/92	0	1	
AMIS0074	No	81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/30/92-06/30/92	0	1	
AMIS0059	Yes	81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	07/02/92-07/02/92	0	1	
AMIS0075	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	10/07/81-06/09/82	0	2	
AMIS0084	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	10/07/81-06/09/82	0	2	
AMIS0023	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	05/23/84-06/03/91	7	8	
AMIS0046	Yes	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	06/19/90-06/19/90	0	1	
AMIS0074	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	08/21/85-06/30/92	6	9	
AMIS0023	No	81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	05/23/84-06/03/91	7	8	
AMIS0046	Yes	81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	06/19/90-06/19/90	0	1	
AMIS0074	No	81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	08/21/85-06/30/92	6	9	
AMIS0059	Yes	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	07/02/92-07/02/92	0	1	
AMIS0021	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/13/81-05/05/81	0	3	
AMIS0034	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	12/19/80-06/22/81	0	7	
AMIS0075	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/11/81-07/08/81	0	4	
AMIS0084	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	12/03/80-07/08/81	0	4	
AMIS0075	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	02/03/82-06/09/82	0	2	
AMIS0084	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	02/03/82-06/09/82	0	2	
AMIS0059	Yes	82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	07/02/92-07/02/92	0	1	

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

Station-By-Station Results

Station Inventory for Station: AMIS0001

NPS Station ID: AMIS0001 LAT/LON: 29.333338/-100.866671 Agency: 21TEXWR Date Created: 10/06/79
Location: SAN FELIPE CREEK UPSTREAM SILOS FARM RD BRIDGE FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 23000350
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13080001 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13080001 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0001

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: AMIS0002

NPS Station ID: AMIS0002
LAT/LON: 29.354170/-100.883309
Agency: 21TXWQB
Date Created: 07/23/94
Location: SAN FELIPE CREEK AT BRIDGE ON US 277 AT DEL RIO
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 13271 /2313.0400 /2313.4000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: Rio Grande River Basin
ECO Region: 31M
RF1 Index: 13080001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:
SAN FELIPE CREEK AT BRIDGE ON US 277 AT DEL RIO

Parameter Inventory for Station: AMIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	78	23.	22.612	29.4	15.	6.48	2.546	18.9	21.925	23.9	25.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	78	74.	72.792	85.	59.	20.809	4.562	66.	71.75	75.	77.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-08/18/76	18	90.	78.	112.	2.	1035.882	32.185	2.	63.25	95.5	111.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	76	5.	7.908	50.	1.5	63.945	7.997	2.5	2.5	10.	20.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/09/72-08/18/76	38	480.	465.658	510.	350.	1785.366	42.254	400.	438.75	500.	510.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/68-08/18/76	57	498.	494.982	555.	420.	976.196	31.244	450.	469.5	519.	531.
00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	77	8.	7.773	11.	2.5	1.807	1.344	6.	7.	8.5	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/68-07/11/73	43	1.	1.157	4.	0.25	0.786	0.886	0.25	0.25	1.5	2.
00400	PH (STANDARD UNITS)	02/09/72-08/18/76	40	7.7	7.8	8.8	7.3	0.114	0.338	7.31	7.6	7.975	8.3
00400	CONVERTED PH (STANDARD UNITS)	02/09/72-08/18/76	40	7.7	7.694	8.8	7.3	0.126	0.355	7.31	7.6	7.975	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/09/72-08/18/76	40	0.02	0.02	0.05	0.002	0.	0.013	0.005	0.011	0.025	0.049
00403	PH, LAB, STANDARD UNITS SU	10/16/68-08/18/76	56	7.8	7.793	8.1	7.5	0.025	0.159	7.6	7.7	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	10/16/68-08/18/76	56	7.8	7.764	8.1	7.5	0.026	0.162	7.6	7.7	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-08/18/76	56	0.016	0.017	0.032	0.008	0.	0.006	0.01	0.013	0.02	0.025
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/12/72-08/18/76	21 ##	5.	5.905	14.	5.	5.69	2.385	5.	5.	5.	10.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/06/72-08/18/76	15 ##	5.	5.4	10.	5.	1.686	1.298	5.	5.	5.	7.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/72-08/18/76	21 ##	0.05	0.052	0.1	0.05	0.	0.011	0.05	0.05	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/12/72-08/18/76	21	2.	1.924	2.4	0.21	0.208	0.456	1.46	1.9	2.2	2.3
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/12/72-08/18/76	21	0.03	0.044	0.14	0.015	0.001	0.036	0.015	0.015	0.06	0.1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-08/18/76	14 ##	0.015	0.02	0.06	0.015	0.	0.013	0.015	0.015	0.019	0.045
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/12/72-08/18/76	21	0.01	0.016	0.05	0.005	0.	0.011	0.006	0.01	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-08/18/76	14	0.01	0.01	0.02	0.005	0.	0.003	0.005	0.01	0.01	0.015
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-08/18/76	11	4.	3.773	8.	0.5	6.268	2.504	0.6	1.	6.	7.8
00940	CHLORIDE,TOTAL IN WATER MG/L	10/16/68-08/18/76	57	17.	17.053	29.	10.	19.765	4.446	11.	13.	20.	23.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/09/72-08/18/76	38	23.	23.816	50.	5.	66.154	8.134	15.	20.	25.	35.5
00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/68-08/18/76	49	16.	16.653	29.	6.	33.023	5.747	9.	12.	20.5	25.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/10/74-07/10/74	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.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/72-06/07/73	6	395.	383.333	600.	200.	25706.667	160.333	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/14/72-06/07/73	6	2.594	2.548	2.778	2.301	0.039	0.198	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			353.168								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-08/18/76	8	11.5	16.	67.	1.	463.143	21.521	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-08/18/76	8	1.057	0.869	1.826	0.	0.4	0.632	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.389								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/12/72-08/18/76	19 ##	2.	2.526	10.	2.	3.485	1.867	2.	2.	2.	4.

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

EPA Water Quality Criteria Analysis for Station: AMIS0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	76	1	0.01	29	0	0.00	47	1	0.02						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	77	1	0.01	30	1	0.03	47	0	0.00						
00400	PH	Other-Hi Lim.	9.	40	0	0.00	13	0	0.00	27	0	0.00						
		Other-Lo Lim.	6.5	40	0	0.00	13	0	0.00	27	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	56	0	0.00	23	0	0.00	33	0	0.00						
		Other-Lo Lim.	6.5	56	0	0.00	23	0	0.00	33	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	21	0	0.00	9	0	0.00	12	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	57	0	0.00	23	0	0.00	34	0	0.00						
		Drinking Water	250.	57	0	0.00	23	0	0.00	34	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	38	0	0.00	12	0	0.00	26	0	0.00						
		Drinking Water	250.	38	0	0.00	12	0	0.00	26	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	49	0	0.00	19	0	0.00	30	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	2	0	0.00	4	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	0	0.00	3	0	0.00	5	0	0.00						

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

Annual Analysis for 1968 - Station AMIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	2	23.5	23.5	25.	22.	4.5	2.121	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	2	74.5	74.5	77.	72.	12.5	3.536	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	2	8.35	8.35	8.7	8.	0.245	0.495	**	**	**	**

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

Annual Analysis for 1969 - Station AMIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	12	23.5	23.667	28.	17.	10.788	3.284	17.9	22.	26.75	28.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	12	74.5	74.583	83.	63.	32.811	5.728	64.5	72.	79.5	82.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	12 ##	2.5	4.583	20.	2.5	28.22	5.312	2.5	2.5	2.5	17.
00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	12	8.	8.042	10.	5.	2.157	1.469	5.6	7.	9.375	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

Annual Analysis for 1970 - Station AMIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	10	22.	21.1	24.	18.	4.767	2.183	18.	18.75	23.	23.9
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	10	72.	70.4	76.	64.	16.933	4.115	64.1	66.5	74.	75.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	10 ##	2.5	6.	15.	2.5	22.5	4.743	2.5	2.5	10.	14.5
00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	10	7.	6.8	8.	6.	0.456	0.675	6.	6.	7.125	7.95

** - 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 1971 - Station AMIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	10	23.	22.08	24.	15.6	6.244	2.499	16.14	21.	23.45	23.99
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	10	74.	71.9	76.	60.	22.1	4.701	60.9	69.75	74.25	75.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	10 ##	6.25	12.25	50.	2.5	225.625	15.021	2.5	2.5	20.	47.
00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	10	7.	6.85	9.5	2.5	3.836	1.959	2.8	5.875	8.5	9.4

** - 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 1972 - Station AMIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	12	23.3	21.975	23.9	15.	6.593	2.568	16.17	21.825	23.3	23.72
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	12	74.	71.583	75.	59.	21.538	4.641	61.1	71.25	74.	74.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	11	5.	8.636	25.	5.	50.455	7.103	5.	5.	10.	24.
00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	12	8.	8.042	8.5	7.	0.248	0.498	7.15	7.625	8.5	8.5

** - 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 1973 - Station AMIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	12	22.2	22.442	29.4	16.7	8.884	2.981	17.87	21.1	23.75	27.9
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	12	72.	72.417	85.	62.	29.174	5.401	64.1	70.	74.75	82.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	12	12.5	13.75	30.	5.	68.75	8.292	5.	5.	20.	27.
00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	12	7.75	7.75	9.5	6.	0.932	0.965	6.3	7.	8.375	9.35

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

Annual Analysis for 1974 - Station AMIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	10	23.3	23.24	25.	21.1	1.66	1.289	21.19	22.15	24.55	25.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	10	74.	73.9	77.	70.	5.211	2.283	70.2	72.	76.25	77.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	10	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	9	9.	8.889	11.	7.	2.361	1.537	7.	7.5	10.5	11.

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

Annual Analysis for 1975 - Station AMIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	7	23.9	23.1	25.	18.9	4.207	2.051	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	7	75.	73.571	77.	66.	13.619	3.69	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	7	5.	5.	5.	5.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	7	8.3	8.086	10.	6.	1.688	1.299	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	3	23.9	24.6	26.	23.9	1.47	1.212	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	3	75.	76.267	78.8	75.	4.813	2.194	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	3	5.	5.667	9.	3.	9.333	3.055	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	3	7.5	7.567	8.	7.2	0.163	0.404	**	**	**	**

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

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	30	23.3	23.827	28.	20.	3.03	1.741	22.2	23.	25.	26.9
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	30	74.	74.96	83.	68.	9.565	3.093	72.	73.	77.	79.88
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	29	5.	6.655	20.	2.5	27.663	5.26	2.5	2.5	10.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/68-08/18/76	23	498.	491.957	555.	420.	1152.589	33.95	448.2	465.	513.	542.4
00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	30	7.5	7.693	11.	2.5	2.742	1.656	6.	7.	8.075	10.
00403	PH, LAB, STANDARD UNITS SU	10/16/68-08/18/76	23	7.8	7.813	8.1	7.5	0.032	0.179	7.54	7.7	8.	8.06
00403	CONVERTED PH, LAB, STANDARD UNITS	10/16/68-08/18/76	23	7.8	7.777	8.1	7.5	0.033	0.183	7.54	7.7	8.	8.06
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-08/18/76	23	0.016	0.017	0.032	0.008	0.	0.007	0.009	0.01	0.02	0.029
00940	CHLORIDE,TOTAL IN WATER MG/L	10/16/68-08/18/76	23	17.	17.043	26.	11.	21.498	4.637	11.	13.	21.	24.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/68-08/18/76	19	17.	16.737	29.	9.	33.649	5.801	9.	11.	21.	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 6/09 - Station AMIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/68-08/18/76	48	22.1	21.852	29.4	15.	7.215	2.686	17.9	21.	23.75	24.04
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/16/68-08/18/76	48	72.	71.438	85.	59.	23.315	4.829	63.9	69.25	74.75	76.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/68-08/18/76	47	5.	8.681	50.	1.5	85.82	9.264	2.5	2.5	10.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/68-08/18/76	34	501.	497.029	549.	435.	877.484	29.622	454.5	470.25	525.	529.5
00300	OXYGEN, DISSOLVED MG/L	10/16/68-08/18/76	47	8.	7.823	10.	5.	1.25	1.118	6.	7.	8.5	9.1
00403	PH, LAB, STANDARD UNITS SU	10/16/68-08/18/76	33	7.8	7.779	8.1	7.5	0.021	0.145	7.6	7.7	7.9	7.96
00403	CONVERTED PH, LAB, STANDARD UNITS	10/16/68-08/18/76	33	7.8	7.755	8.1	7.5	0.022	0.147	7.6	7.7	7.9	7.96
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/68-08/18/76	33	0.016	0.018	0.032	0.008	0.	0.006	0.011	0.013	0.02	0.025
00940	CHLORIDE,TOTAL IN WATER MG/L	10/16/68-08/18/76	34	17.	17.059	29.	10.	19.209	4.383	11.5	13.	20.	22.5
00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/68-08/18/76	30	15.5	16.6	26.	6.	33.766	5.811	9.1	12.	20.75	25.

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

Station Inventory for Station: AMIS0003

NPS Station ID: AMIS0003
LAT/LON: 29.354170/-100.883337
Agency: 21TEXWR
Date Created: 10/06/79
Location: SAN FELIPE CREEK AT BRIDGE US 277 AT DEL RIO
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 23000400 /2308 1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13080001015
RF1 Mile Point: 4.130
Distance from RF1: 2.80
On/Off RF1: OFF
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0003

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: AMIS0004

NPS Station ID: AMIS0004
LAT/LON: 29.372226/-100.886116
Agency: 112WRD
Date Created: / /
Location: SAN FELIPE C AT MOORE PARK, TEX.
FIPS State/County: 48001 TEXAS/ANDERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 08452830
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13080001015
RF1 Mile Point: 5.510
Distance from RF1: 2.80
On/Off RF1: OFF
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/67-07/05/67	2	22.8	22.8	25.6	20.	15.68	3.96	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/67-07/05/67	4	432.5	431.75	439.	423.	56.917	7.544	**	**	**	**
00400	PH (STANDARD UNITS)	01/10/67-07/05/67	4	7.6	7.55	7.7	7.3	0.037	0.191	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/10/67-07/05/67	4	7.589	7.517	7.7	7.3	0.038	0.195	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/67-07/05/67	4	0.026	0.03	0.05	0.02	0.	0.014	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/67-07/05/67	4	200.5	202.	208.	199.	18.	4.243	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/10/67-07/05/67	4	244.5	246.25	253.	243.	22.25	4.717	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/10/67-07/05/67	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/10/67-07/05/67	4	222.	221.75	223.	220.	2.25	1.5	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/10/67-07/05/67	4	20.5	19.75	22.	16.	6.917	2.63	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/10/67-07/05/67	4	77.5	77.5	78.	77.	0.333	0.577	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/10/67-07/05/67	4	6.9	6.875	7.	6.7	0.016	0.126	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/10/67-07/05/67	4	5.15	5.35	6.3	4.8	0.47	0.686	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/10/67-07/05/67	4	0.15	0.15	0.2	0.1	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	01/10/67-07/05/67	4	4.5	4.5	5.	4.	0.333	0.577	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/10/67-07/05/67	4	1.	0.95	1.1	0.7	0.037	0.191	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/10/67-07/05/67	4	10.	9.75	10.	9.	0.25	0.5	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/10/67-07/05/67	4	8.	8.	9.	7.	0.667	0.816	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/10/67-07/05/67	4	0.2	0.175	0.3	0.	0.016	0.126	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/10/67-07/05/67	4	12.	12.	12.	12.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/10/67-07/05/67	4	250.5	249.75	252.	246.	6.917	2.63	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/10/67-07/05/67	4	0.34	0.338	0.34	0.33	0.	0.005	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/10/67-07/05/67	4	8.5	8.25	9.4	6.6	1.557	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 time series plot

EPA Water Quality Criteria Analysis for Station: AMIS0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	3	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	3	0	0.00						
		Drinking Water	250.	4	0	0.00	1	0	0.00	3	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	3	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: AMIS0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	1	0	0.00	3	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	0	0.00	1	0	0.00	3	0	0.00						

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

Station Inventory for Station: AMIS0005

NPS Station ID: AMIS0005 LAT/LON: 29.345837/-100.887505 Agency: 21TXWQB Date Created: 04/29/95
Location: CIENEGAS CREEK 0.3 MILE UPSTREAM FROM CONFLUENCE FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13113
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13080001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 31M
RF1 Index: 13080001 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
CIENEGAS CREEK 0.3 MILE UPSTREAM FROM CONFLUENCE WITH RIO GRANDE WHICH S 2.9 KM UPSTREAM OF US 277 BRIDGE

Parameter Inventory for Station: AMIS0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/77-06/21/88	5	26.8	25.92	29.	18.8	17.612	4.197	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/27/77-08/22/79	3	84.	82.267	84.	78.8	9.013	3.002	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/21/88-06/21/88	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/27/77-08/22/79	3	10.	9.333	13.	5.	16.333	4.041	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/27/77-08/22/79	3	15.	15.	15.	15.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/14/88-03/14/88	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/78-06/21/88	4	1031.	995.5	1100.	820.	14749.667	121.448	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/77-06/21/88	5	972.	931.6	1152.	700.	49612.8	222.739	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/27/77-06/21/88	5	7.7	7.84	9.1	6.7	0.738	0.859	**	**	**	**
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	03/14/88-06/21/88	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	03/14/88-06/21/88	2	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	03/14/88-06/21/88	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/27/77-09/27/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	03/14/88-06/21/88	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	09/27/77-03/14/88	4	7.85	7.775	8.1	7.3	0.129	0.359	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/27/77-03/14/88	4	7.825	7.658	8.1	7.3	0.148	0.384	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/77-03/14/88	4	0.015	0.022	0.05	0.008	0.	0.019	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/27/77-06/21/88	5	7.9	8.	8.2	7.8	0.035	0.187	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/27/77-06/21/88	5	7.9	7.969	8.2	7.8	0.036	0.19	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/77-06/21/88	5	0.013	0.011	0.016	0.006	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/77-06/21/88	5	194.	194.2	212.	176.	162.2	12.736	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/27/77-06/21/88	4	15.	15.5	26.	6.	91.	9.539	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/27/77-06/21/88	5	3.	4.1	9.	0.5	14.05	3.748	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/27/77-06/21/88	5	0.07	0.227	0.94	0.005	0.16	0.4	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/14/88-06/21/88	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/27/77-06/21/88	5	0.84	0.968	1.49	0.5	0.227	0.476	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/14/88-06/21/88	2	0.9	0.9	1.5	0.3	0.72	0.849	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/27/77-08/22/79	3	0.9	0.897	1.22	0.57	0.106	0.325	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/27/77-08/22/79	3	0.9	0.823	1.1	0.47	0.104	0.322	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/27/77-06/21/88	5	0.22	0.236	0.4	0.07	0.015	0.123	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/27/77-06/21/88	5	0.15	0.204	0.36	0.06	0.015	0.123	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/78-08/22/79	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	03/14/88-06/21/88	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/27/77-06/21/88	5	82.	80.	102.	38.	664.	25.768	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/27/77-06/21/88	5	160.	151.8	172.	129.	433.2	20.813	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/27/77-06/21/88	5	88.	3853.	19000.	5.	71698967.	8467.524	**	**	**	**

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

Parameter Inventory for Station: AMIS0005

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	09/27/77-06/21/88	5	1.944	2.15	4.279	0.699	1.707	1.306	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			141.226								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/27/77-06/21/88	5 ##	2.	1.8	3.	1.	0.7	0.837	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/27/77-06/21/88	5 ##	1.	1.4	3.	0.	1.3	1.14	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/27/77-06/21/88	4	580.	584.	638.	538.	2288.	47.833	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	3	0	0.00	3	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	4	0	0.00	1	0	0.00						
00400	PH	Other-Hi Lim.	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						
00403	PH, LAB	Other-Hi Lim.	9.	5	0	0.00	4	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00	1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	4	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	4	0	0.00	1	0	0.00						
		Drinking Water	250.	5	0	0.00	4	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	4	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	1	0.20	4	1	0.25	1	0	0.00						

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

Station Inventory for Station: AMIS0006

NPS Station ID: AMIS0006 LAT/LON: 29.345837/-100.887505 Agency: 21TEXWR Date Created: 10/06/79
Location: CIENEGAS CREEK .3 MI UPSTREAM CNFLNCE RIO GRANDE FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 23000900
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13080001 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13080001015 RF1 Mile Point: 3.470 Distance from RF1: 2.80 On/Off RF1: OFF
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0006

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: AMIS0007

NPS Station ID: AMIS0007
LAT/LON: 29.331948/-100.888892
Agency: 112WRD
Date Created: / /
Location: SAN FELIPE CREEK NR DEL RIO, TX
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 08453000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13080001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/67-01/11/68	6	21.6	21.467	25.	18.3	6.543	2.558	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/67-03/05/68	8	470.5	473.375	491.	461.	96.554	9.826	**	**	**	**
00400	PH (STANDARD UNITS)	01/10/67-03/05/68	8	7.3	7.4	8.	7.2	0.069	0.262	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/10/67-03/05/68	8	7.3	7.349	8.	7.2	0.072	0.267	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/67-03/05/68	8	0.05	0.045	0.063	0.01	0.	0.018	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/67-03/05/68	8	205.	205.625	215.	200.	23.411	4.838	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/10/67-03/05/68	8	250.	250.75	262.	244.	33.929	5.825	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/10/67-03/05/68	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/10/67-03/05/68	8	234.5	235.625	250.	228.	47.696	6.906	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/10/67-03/05/68	8	30.5	30.	35.	26.	7.429	2.726	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/10/67-01/11/68	7	80.	81.286	86.	80.	4.905	2.215	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/10/67-01/11/68	7	8.2	8.243	8.9	7.6	0.223	0.472	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/10/67-01/11/68	7	9.1	9.171	10.	7.9	0.509	0.713	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/10/67-01/11/68	7	0.3	0.286	0.3	0.2	0.001	0.038	**	**	**	**
00932	SODIUM, PERCENT	01/10/67-01/11/68	7	8.	7.429	8.	6.	0.619	0.787	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/10/67-09/06/67	5	1.3	1.32	1.6	1.1	0.037	0.192	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/10/67-03/05/68	8	14.	13.875	16.	12.	1.554	1.246	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/10/67-01/11/68	7	20.	18.857	22.	14.	6.81	2.61	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/10/67-01/11/68	7	0.3	0.329	0.6	0.1	0.029	0.17	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/10/67-01/11/68	7	12.	12.	13.	11.	1.	1.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/10/67-09/06/67	5	279.	279.4	292.	272.	60.8	7.797	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/07/67-01/11/68	2	279.	279.	280.	278.	2.	1.414	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/10/67-01/11/68	7	0.38	0.38	0.4	0.37	0.	0.01	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/10/67-01/11/68	7	11.	10.7	13.	7.9	3.61	1.9	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0007

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-6/09----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	8	0	0.00	2	0	0.00	6	0	0.00						
		Other-Lo Lim.	6.5	8	0	0.00	2	0	0.00	6	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	2	0	0.00	6	0	0.00						
		Drinking Water	250.	8	0	0.00	2	0	0.00	6	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: AMIS0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	0	0.00	2	0	0.00	5	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	7	0	0.00	2	0	0.00	5	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	2	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: AMIS0008

NPS Station ID: AMIS0008 LAT/LON: 29.330837/-100.889171 Agency: 21TXWQB Date Created: 07/23/94
Location: SAN FELIPE CREEK AT GUYLER CONFLUENCE WITH THE R FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13270 /2313.0350 /2313.3500
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13080001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 31M
RF1 Index: 13080001 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
SAN FELIPE CREEK AT GUYLER CONFLUENCE WITH THE RIO GRANDE

Parameter Inventory for Station: AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	138	22.55	22.525	26.9	18.5	4.05	2.012	19.6	21.	24.	25.14
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	71	72.9	72.621	79.7	65.3	14.979	3.87	67.1	69.8	75.2	77.76
00060	FLOW, STREAM, MEAN DAILY CFS	06/21/88-06/21/88	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	133	106.	103.075	147.	45.	533.419	23.096	65.8	89.5	120.	130.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/09/76-11/12/80	17	5.	7.588	42.	3.	82.007	9.056	3.	5.	7.	16.4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/04/86-06/21/88	4	33.	34.5	48.	24.	105.	10.247	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/27/89-07/07/93	13	1.	1.115	2.	0.5	0.131	0.363	0.7	1.	1.25	1.8
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/05/91-03/16/93	3	340.	339.667	356.	323.	272.333	16.503	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/09/76-07/07/93	70	503.5	528.857	1570.	414.	18723.516	136.834	457.3	483.5	542.	592.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/09/76-06/21/88	46	510.	521.261	689.	450.	1965.13	44.33	473.5	490.	545.25	577.2
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	137	8.3	8.434	15.6	6.8	1.234	1.111	7.18	7.8	8.8	9.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/14/91-03/16/93	6	99.6	101.	110.8	95.	29.856	5.464	**	**	**	**
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	03/15/88-06/21/88	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	03/15/88-06/21/88	2	2.25	2.25	3.	1.5	1.125	1.061	**	**	**	**
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	03/15/88-06/21/88	2	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/12/80-07/23/87	2	1.	1.	1.5	0.5	0.5	0.707	**	**	**	**
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	03/15/88-06/21/88	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	11/09/76-07/07/93	61	7.8	7.816	8.3	7.1	0.073	0.27	7.5	7.65	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	11/09/76-07/07/93	61	7.8	7.722	8.3	7.1	0.082	0.286	7.5	7.65	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/09/76-07/07/93	61	0.016	0.019	0.079	0.005	0.	0.015	0.008	0.01	0.023	0.032
00403	PH, LAB, STANDARD UNITS SU	11/09/76-06/21/88	46	8.	7.963	8.3	6.9	0.067	0.259	7.6	7.8	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/09/76-06/21/88	46	8.	7.852	8.3	6.9	0.08	0.282	7.6	7.8	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/09/76-06/21/88	46	0.01	0.014	0.126	0.005	0.	0.018	0.006	0.008	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/09/76-07/07/93	66	204.	204.227	260.	180.	181.501	13.472	185.5	196.	210.	218.9
00480	SALINITY - PARTS PER THOUSAND	06/06/91-12/05/91	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/76-07/07/93	68	12.5	14.397	82.	3.	126.78	11.26	5.	7.	17.75	23.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/09/76-07/07/93	68	3.	4.581	42.	0.5	37.124	6.093	1.	2.	5.	8.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/09/76-07/07/93	68	0.05	0.128	0.8	0.005	0.029	0.171	0.01	0.01	0.21	0.344
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/15/88-07/07/93	16 ##	0.005	0.012	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/27/89-06/27/89	1	2.03	2.03	2.03	2.03	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/09/76-07/07/93	65	1.82	1.831	2.8	0.68	0.153	0.391	1.32	1.64	2.065	2.248
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/88-07/07/93	4	0.2	0.293	0.7	0.07	0.084	0.29	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/09/76-09/24/85	36	0.61	0.908	5.39	0.34	0.961	0.98	0.421	0.55	0.875	1.274
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/09/76-09/24/85	36	0.49	0.539	1.45	0.03	0.056	0.236	0.34	0.43	0.61	0.787
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/09/76-07/07/93	67	0.19	0.236	1.76	0.005	0.077	0.277	0.028	0.14	0.23	0.34
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/09/76-07/07/93	65	0.15	0.153	0.47	0.005	0.006	0.079	0.016	0.12	0.19	0.234

** - Less than 9 observations ## - 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: AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/78-07/07/93	56	1.	1.925	14.	0.5	5.821	2.413	0.5	0.525	2.	5.
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	03/15/88-06/21/88	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/09/76-07/07/93	68	19.	22.868	133.	9.	303.937	17.434	14.9	17.	21.75	26.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/76-07/07/93	65	24.	24.108	41.	3.	36.41	6.034	17.2	21.5	28.	32.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	150	177.5	1804.067	34200.	7.	27974464.613	5289.089	50.5	100.	478.5	3720.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	150	2.249	2.435	4.534	0.845	0.538	0.734	1.703	2.	2.68	3.57
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			272.191								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/09/76-07/07/93	64	## 1.85	1.544	4.	0.5	0.743	0.862	0.5	1.	2.	3.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/09/76-07/07/93	64	## 1.65	1.785	12.8	0.	3.602	1.898	0.5	1.	2.	3.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-06/21/88	29	310.	316.414	586.	240.	3410.323	58.398	270.	292.	321.5	356.
72053	DAYS SINCE PRECIPITATION EVENT DAYS	11/14/90-03/16/93	8	10.	9.625	10.	7.	1.125	1.061	**	**	**	**
74069	FLOW, ESTIMATED STREAM CFS	06/27/86-05/24/89	2	97.	97.	114.	80.	578.	24.042	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------6/10-10/31---------- Obs	Exceed	Prop.	----------11/01-6/09---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	0	0.00	4	0	0.00	13	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	137	0	0.00	50	0	0.00	87	0	0.00						
00400	PH	Other-Hi Lim.	9.	61	0	0.00	20	0	0.00	41	0	0.00						
		Other-Lo Lim.	6.5	61	0	0.00	20	0	0.00	41	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	46	0	0.00	15	0	0.00	31	0	0.00						
		Other-Lo Lim.	6.5	46	0	0.00	15	0	0.00	31	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	16	0	0.00	6	0	0.00	10	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	65	0	0.00	22	0	0.00	43	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	68	0	0.00	24	0	0.00	44	0	0.00						
		Drinking Water	250.	68	0	0.00	24	0	0.00	44	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	65	0	0.00	22	0	0.00	43	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	150	72	0.48	58	31	0.53	92	41	0.45						

& - 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 1976 - Station AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	1	72.5	72.5	72.5	72.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	1	147.	147.	147.	147.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	1	230.	230.	230.	230.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	1	2.362	2.362	2.362	2.362	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			230.								

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	4	23.75	23.625	26.	21.	5.229	2.287	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	4	74.75	74.525	78.8	69.8	16.943	4.116	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	4	132.5	124.	138.	93.	447.333	21.15	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	4	7.75	7.625	7.9	7.1	0.129	0.359	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	4	11400.	14277.5	34200.	110.	218108291.667	14768.49	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	4	4.02	3.654	4.534	2.041	1.236	1.112	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4509.141								

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	4	22.75	22.625	26.	19.	10.229	3.198	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	4	73.05	72.775	79.	66.	34.469	5.871	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	11	125.	120.545	136.	102.	156.873	12.525	102.4	104.	131.	135.4
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	4	7.75	7.825	8.4	7.4	0.189	0.435	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	12	194.	315.25	1570.	59.	164462.386	405.54	79.4	136.25	297.5	1217.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	12	2.288	2.333	3.196	1.771	0.12	0.346	1.871	2.134	2.473	3.016
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			215.489								

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	4	22.	22.25	24.	21.	2.25	1.5	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	4	71.5	72.05	75.2	70.	6.41	2.532	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	12	115.5	116.583	138.	100.	194.083	13.931	100.3	101.75	129.25	137.7
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	4	8.	7.8	8.1	7.1	0.227	0.476	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	12	1193.	5402.917	27000.	240.	69599955.356	8342.659	311.4	606.25	8048.25	23841.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	12	3.071	3.285	4.431	2.38	0.42	0.648	2.47	2.775	3.892	4.367
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1926.295								

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

Annual Analysis for 1980 - Station AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	4	23.5	23.625	26.5	21.	6.563	2.562	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	4	74.5	74.675	79.7	70.	19.889	4.46	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	12	71.	75.833	127.	45.	836.697	28.926	45.3	46.75	104.	123.7
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	4	7.65	7.625	8.1	7.1	0.249	0.499	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	10	10812.5	10491.5	33000.	100.	100290578.056	10014.518	122.	2157.5	14625.	31380.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	10	4.026	3.649	4.519	2.	0.662	0.814	2.051	3.208	4.164	4.489
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4456.613								

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	10	22.3	22.44	26.	19.5	4.352	2.086	19.55	20.6	24.	25.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	10	72.15	72.39	79.	67.1	14.288	3.78	67.19	69.05	75.2	78.62
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	8	97.5	101.5	129.	83.	258.286	16.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	10	7.75	7.92	10.6	6.8	1.328	1.153	6.8	6.95	8.45	10.4
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	10	212.5	830.2	4200.	64.	1698132.178	1303.124	67.6	106.	1440.	3930.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	10	2.308	2.506	3.623	1.806	0.374	0.612	1.826	2.025	3.158	3.579
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			320.617								

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	12	22.25	22.408	25.5	19.1	4.819	2.195	19.34	20.325	24.4	25.38
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	12	72.05	72.342	77.9	66.4	15.614	3.951	66.82	68.6	75.925	77.69
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	8	112.5	114.125	126.	99.	80.696	8.983	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	12	8.15	8.408	12.4	6.8	2.372	1.54	6.83	7.175	9.175	11.44
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	12	190.	390.083	2200.	20.	363535.538	602.939	23.	54.5	438.75	1711.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	12	2.224	2.217	3.342	1.301	0.375	0.612	1.354	1.732	2.642	3.166
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			164.629								

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	11	22.5	21.982	25.	18.5	4.954	2.226	18.7	19.5	24.	24.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	11	72.5	71.573	77.	65.3	16.082	4.01	65.66	67.1	75.2	76.64
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	8	115.5	115.375	135.	96.	130.554	11.426	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	11	8.5	9.382	15.6	7.5	5.542	2.354	7.54	8.	10.5	14.72
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	12	108.5	218.833	1520.	16.	172770.515	415.657	18.4	26.75	168.75	1133.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	12	2.022	1.966	3.182	1.204	0.3	0.547	1.257	1.421	2.227	2.936
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			92.53								

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	11	23.	22.845	26.4	18.6	6.173	2.484	18.88	21.	25.	26.4
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	11	73.4	73.118	79.5	65.5	19.918	4.463	66.	69.8	77.	79.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	8	95.5	96.	140.	64.	460.857	21.468	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	10	8.25	8.28	9.5	6.8	0.493	0.702	6.91	7.975	8.725	9.43
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	11	155.	269.	880.	100.	63032.	251.062	100.8	120.	330.	826.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	11	2.19	2.308	2.944	2.	0.098	0.313	2.003	2.079	2.519	2.913
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			203.044								

** - 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 1985 - Station AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	12	22.95	22.333	25.1	19.	3.901	1.975	19.18	20.175	23.9	24.77
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	10	73.3	72.39	77.2	66.2	11.714	3.423	66.31	70.375	74.675	77.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	10	89.5	82.1	98.	53.	263.211	16.224	54.	64.5	95.	98.
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	12	8.55	8.483	10.6	7.3	0.803	0.896	7.33	7.775	8.925	10.18
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	12	240.	272.75	730.	30.	37047.114	192.476	50.4	130.	397.5	640.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	12	2.377	2.319	2.863	1.477	0.135	0.367	1.631	2.114	2.599	2.794
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			208.526								

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	12	22.95	22.575	24.1	20.1	1.911	1.382	20.37	21.2	23.875	24.07
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	10	82.5	84.1	109.	56.	303.878	17.432	56.8	70.	101.	108.5
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	12	8.1	8.233	9.5	7.4	0.422	0.65	7.46	7.85	8.3	9.5
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	10	135.	307.1	1560.	76.	207960.767	456.027	76.4	91.25	285.	1452.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	10	2.129	2.253	3.193	1.881	0.166	0.407	1.883	1.959	2.427	3.142
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			179.199								

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	9	23.	22.722	24.4	20.3	1.937	1.392	20.3	21.65	24.	24.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	7	108.	108.429	116.	100.	39.952	6.321	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	9	8.8	8.744	10.2	7.1	0.815	0.903	7.1	8.15	9.25	10.2
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	7	170.	667.857	3800.	55.	1914840.476	1383.778	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	7	2.23	2.298	3.58	1.74	0.39	0.625	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			198.78								

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	18	21.95	22.122	25.8	19.	3.949	1.987	19.09	20.575	23.8	25.53
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	9	120.	118.778	128.	110.	35.444	5.954	110.	113.	123.	128.
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	18	8.55	8.589	10.5	7.5	0.523	0.723	7.77	8.05	9.025	9.6
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	11	140.	372.455	2160.	50.	367318.873	606.068	52.	95.	390.	1806.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	11	2.146	2.29	3.334	1.699	0.214	0.463	1.715	1.978	2.591	3.186
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			194.896								

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	12	21.95	21.933	25.8	19.4	3.59	1.895	19.4	20.35	23.	25.26
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	11	82.	89.818	130.	59.	580.164	24.087	60.2	77.	114.	129.8
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	12	8.7	8.667	10.2	7.	0.693	0.833	7.3	8.225	9.05	10.08
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	12	117.5	136.083	500.	7.	17900.083	133.791	8.8	41.	187.25	416.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	12	2.068	1.911	2.699	0.845	0.28	0.529	0.926	1.612	2.271	2.592
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			81.429								

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	4	22.9	23.4	25.7	22.1	2.6	1.612	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	4	109.5	108.5	143.	72.	1179.	34.337	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	4	8.65	8.75	9.2	8.5	0.11	0.332	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	4	181.	184.5	360.	16.	21275.	145.86	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	4	2.242	2.061	2.556	1.204	0.358	0.598	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			115.087								

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

Annual Analysis for 1991 - Station AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	4	21.95	22.15	24.9	19.8	5.43	2.33	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	4	114.5	113.75	130.	96.	213.583	14.614	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	4	8.7	8.85	10.	8.	0.757	0.87	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	4	113.5	771.	2800.	57.	1830724.667	1353.043	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	4	2.047	2.324	3.447	1.756	0.584	0.764	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			211.003								

** - 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

Annual Analysis for 1992 - Station AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	4	24.05	23.775	26.9	20.1	8.089	2.844	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	4	111.5	107.5	112.	95.	69.667	8.347	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	4	7.95	7.85	8.5	7.	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

Annual Analysis for 1992 - Station AMIS0008

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	11/09/76-07/07/93	4	102.	121.	220.	60.	5430.667	73.693	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	4	1.986	2.023	2.342	1.778	0.068	0.261	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			105.486								

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

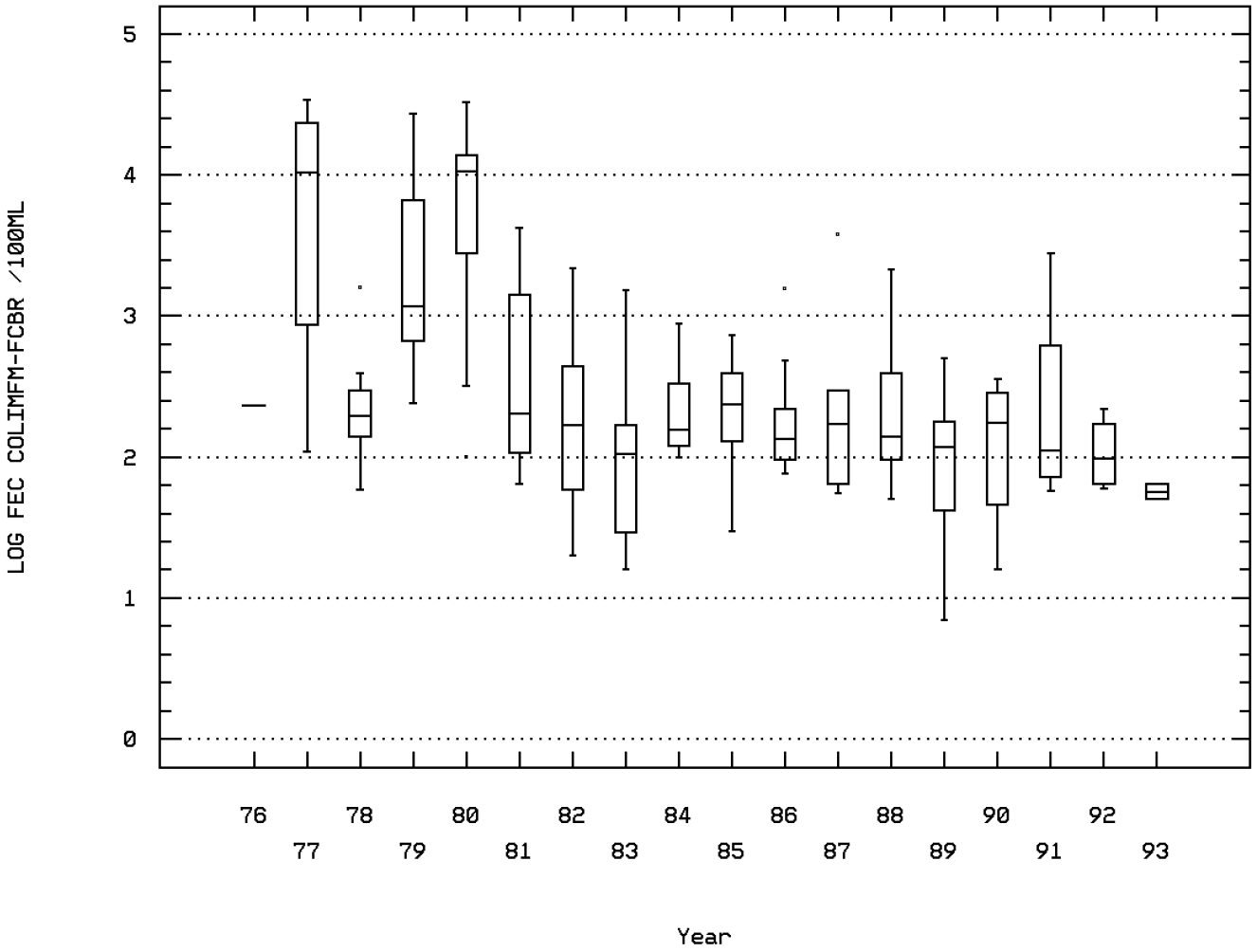
Annual Analysis for 1993 - Station AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	2	24.5	24.5	25.9	23.1	3.92	1.98	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	2	109.	109.	112.	106.	18.	4.243	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	2	8.9	8.9	9.5	8.3	0.72	0.849	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	2	57.	57.	64.	50.	98.	9.899	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	2	1.753	1.753	1.806	1.699	0.006	0.076	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			56.569								

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

Station: AMIS0008 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



SAN FELIPE CREEK AT GUYLER CONFLUENCE W

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	52	24.	24.071	26.9	19.5	1.876	1.37	22.46	23.35	25.	25.87
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	26	75.2	75.208	79.5	67.1	7.962	2.822	70.63	74.2	77.05	78.86
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	53	100.	93.528	131.	45.	527.946	22.977	60.6	77.5	112.	122.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/09/76-07/07/93	25	505.	513.76	700.	437.	3151.523	56.138	454.	475.	546.	586.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/09/76-06/21/88	15	510.	513.4	586.	450.	1627.829	40.346	450.	490.	549.	572.8
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	50	8.	8.112	11.2	6.8	0.901	0.949	7.01	7.475	8.425	9.29
00400	PH (STANDARD UNITS)	11/09/76-07/07/93	20	7.9	7.88	8.2	7.2	0.046	0.214	7.7	7.8	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	11/09/76-07/07/93	20	7.9	7.815	8.2	7.2	0.05	0.224	7.7	7.8	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/09/76-07/07/93	20	0.013	0.015	0.063	0.006	0.	0.012	0.008	0.01	0.016	0.02
00403	PH, LAB, STANDARD UNITS SU	11/09/76-06/21/88	15	8.	7.94	8.2	7.5	0.044	0.21	7.56	7.8	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/09/76-06/21/88	15	8.	7.889	8.2	7.5	0.047	0.216	7.56	7.8	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/09/76-06/21/88	15	0.01	0.013	0.032	0.006	0.	0.007	0.006	0.008	0.016	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/09/76-07/07/93	23	203.	201.522	231.	180.	140.897	11.87	182.	193.	208.	214.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/76-07/07/93	24	13.	14.75	45.	3.	75.326	8.679	5.5	8.5	19.5	22.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/09/76-07/07/93	24	3.	5.708	42.	0.5	79.237	8.902	0.75	1.25	5.75	17.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/09/76-07/07/93	24	0.03	0.068	0.31	0.005	0.009	0.095	0.01	0.02	0.06	0.3
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/09/76-07/07/93	22	1.855	1.905	2.8	1.4	0.113	0.336	1.553	1.63	2.073	2.428
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/09/76-09/24/85	11	0.7	0.751	1.47	0.43	0.088	0.296	0.448	0.52	0.89	1.372
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/09/76-09/24/85	11	0.46	0.513	0.73	0.26	0.022	0.15	0.294	0.43	0.7	0.724
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/09/76-07/07/93	23	0.17	0.174	0.48	0.005	0.012	0.111	0.01	0.12	0.23	0.308
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/09/76-07/07/93	23	0.14	0.132	0.24	0.005	0.004	0.065	0.01	0.11	0.16	0.23
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/78-07/07/93	20	1.	2.085	8.4	0.5	6.474	2.544	0.5	0.5	2.	7.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/09/76-07/07/93	24	18.5	23.792	87.	9.	260.52	16.141	15.5	17.	22.75	47.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/76-07/07/93	22	24.	23.318	32.	10.	32.703	5.719	11.9	22.75	26.5	30.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	58	207.5	1968.379	33000.	13.	28700809.327	5357.314	60.6	133.	640.	5337.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	58	2.317	2.507	4.519	1.114	0.569	0.754	1.773	2.124	2.805	3.719
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			321.215								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/09/76-07/07/93	21 ##	1.	1.319	3.	0.5	0.508	0.712	0.5	0.75	2.	2.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/09/76-07/07/93	21 ##	1.	1.597	6.	0.	2.043	1.429	0.1	0.5	2.	3.8
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-06/21/88	10	313.	308.1	356.	260.	736.989	27.148	262.	283.75	323.5	353.2

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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/76-07/07/93	86	21.5	21.591	26.5	18.5	3.056	1.748	19.4	20.1	22.725	23.76
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/09/76-11/26/85	45	70.7	71.127	79.7	65.3	13.068	3.615	66.32	68.	73.2	76.04
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/76-07/07/93	80	112.5	109.4	147.	46.	442.116	21.027	81.	95.	125.75	135.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/09/76-07/07/93	45	503.	537.244	1570.	414.	27441.416	165.655	453.4	485.	541.5	597.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/09/76-06/21/88	31	510.	525.065	689.	460.	2142.196	46.284	480.	500.	544.	579.2
00300	OXYGEN, DISSOLVED MG/L	11/09/76-07/07/93	87	8.5	8.62	15.6	6.8	1.343	1.159	7.56	8.	9.	9.56
00400	PH (STANDARD UNITS)	11/09/76-07/07/93	41	7.8	7.784	8.3	7.1	0.084	0.29	7.42	7.6	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	11/09/76-07/07/93	41	7.8	7.683	8.3	7.1	0.095	0.308	7.42	7.6	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/09/76-07/07/93	41	0.016	0.021	0.079	0.005	0.	0.016	0.008	0.01	0.025	0.038
00403	PH, LAB, STANDARD UNITS SU	11/09/76-06/21/88	31	8.	7.974	8.3	6.9	0.079	0.282	7.62	7.8	8.2	8.28
00403	CONVERTED PH, LAB, STANDARD UNITS	11/09/76-06/21/88	31	8.	7.835	8.3	6.9	0.099	0.315	7.62	7.8	8.2	8.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/09/76-06/21/88	31	0.01	0.015	0.126	0.005	0.	0.021	0.005	0.006	0.016	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/09/76-07/07/93	43	205.	205.674	260.	180.	200.939	14.175	189.	196.	212.	222.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/76-07/07/93	44	11.5	14.205	82.	5.	157.143	12.536	5.	7.	17.	24.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/09/76-07/07/93	44	3.	3.966	24.	0.5	14.365	3.79	1.	2.	5.	7.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/09/76-07/07/93	44	0.075	0.162	0.8	0.005	0.037	0.193	0.01	0.01	0.278	0.485
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/09/76-07/07/93	43	1.82	1.792	2.73	0.68	0.172	0.414	1.016	1.66	2.06	2.236
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/09/76-09/24/85	25	0.61	0.978	5.39	0.34	1.348	1.161	0.376	0.565	0.845	2.33
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/09/76-09/24/85	25	0.49	0.551	1.45	0.03	0.072	0.268	0.34	0.4	0.605	0.968
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/09/76-07/07/93	44	0.19	0.268	1.76	0.02	0.108	0.329	0.05	0.15	0.23	0.385
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/09/76-07/07/93	42	0.16	0.165	0.47	0.01	0.007	0.085	0.041	0.12	0.193	0.281

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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/78-07/07/93	36	1.	1.836	14.	0.5	5.61	2.369	0.5	0.925	2.	3.6
00940	CHLORIDE,TOTAL IN WATER MG/L	11/09/76-07/07/93	44	19.	22.364	133.	11.	333.493	18.262	14.	17.	20.75	25.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/76-07/07/93	43	24.	24.512	41.	3.	38.637	6.216	18.	21.	29.	32.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	92	147.5	1700.478	34200.	7.	27798856.736	5272.462	50.	86.25	433.75	2791.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/76-07/07/93	92	2.169	2.39	4.534	0.845	0.52	0.721	1.699	1.936	2.637	3.446
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			245.206								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/09/76-07/07/93	43 ##	2.	1.653	4.	0.5	0.835	0.914	0.5	1.	2.	3.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/09/76-07/07/93	43 ##	2.	1.877	12.8	0.	4.403	2.098	0.5	1.	2.	2.76
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-06/21/88	19	306.	320.789	586.	240.	4877.842	69.842	270.	292.	321.	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

Station Inventory for Station: AMIS0009

NPS Station ID: AMIS0009 LAT/LON: 29.500005/-100.926670 Agency: 21TEXWR Date Created: 11/16/78
Location: RESERVOIR AT BUOY SPD FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): IMS21-3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302 Depth of Water: 999 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040302002 RF1 Mile Point: 18.550 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13040302003800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.22 On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR AT BUOY SPD

Parameter Inventory for Station: AMIS0009

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)	02/20/74-02/20/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	1	55.	55.	55.	55.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	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: AMIS0010

NPS Station ID: AMIS0010
LAT/LON: 29.336115/-100.930559
Agency: 21TEXWR
Date Created: 11/16/78
Location: RIO GRANDE BLW AMISTAD DAM- DEL
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): IMS21-16
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13080001016
RF1 Mile Point: 0.870
Distance from RF1: 2.80
On/Off RF1: ON
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM RIO GRANDE BELOW AMISTAD DAM AT DEL RIO

Parameter Inventory for Station: AMIS0010

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: AMIS0011

NPS Station ID: AMIS0011 LAT/LON: 29.326392/-100.930559 Agency: 21TXWQB Date Created: 07/23/94
Location: RIO GRANDE 12.8 MILES BELOW AMISTAD DAM@ NEAR N FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13208 /2304.0300 /2304.3000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13080001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13080001 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
RIO GRANDE 12.8 MILES BELOW AMISTAD DAM@ NEAR N GAGE@ 340 M UPSTREAM OF US 277 BRIDGE IN DEL RIO

Parameter Inventory for Station: AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	214	19.	18.674	30.	8.	25.195	5.019	11.95	15.	22.525	25.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	121	68.	67.243	86.	48.9	85.946	9.271	53.78	59.1	74.65	79.24
00060	FLOW, STREAM, MEAN DAILY CFS	06/21/88-06/21/88	1	612.	612.	612.	612.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	177	2060.	2955.362	20100.	85.	9584426.505	3095.872	508.	1070.	4068.	6248.4
00064	DEPTH OF STREAM, MEAN (FT)	03/14/88-03/14/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/18/73-11/12/80	41	5.	6.439	40.	0.	41.052	6.407	2.2	5.	5.	10.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/14/77-01/25/90	102	69.5	67.431	120.	24.	203.733	14.274	48.3	60.	73.	78.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/27/89-07/07/93	34	1.5	1.494	3.	0.63	0.264	0.514	0.75	1.053	1.82	2.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	10/10/91-03/16/93	6	338.	332.5	428.	247.	3809.5	61.721	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	209	1062.	1106.488	1930.	380.	39410.203	198.52	900.	997.5	1219.5	1405.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	135	1176.	1200.311	1903.	800.	27196.44	164.913	1000.	1127.	1276.	1395.
00300	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	211	9.1	9.208	14.3	3.2	3.562	1.887	6.9	8.	10.5	11.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/10/91-03/16/93	6	112.05	114.017	136.2	92.9	279.734	16.725	**	**	**	**
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	03/15/88-06/21/88	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	03/15/88-06/21/88	2	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	03/15/88-06/21/88	2	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	131	1.	1.288	8.	0.25	1.034	1.017	0.5	0.5	1.5	2.
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	03/15/88-06/21/88	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/73-07/07/93	196	8.1	8.019	8.9	6.5	0.22	0.469	7.4	7.8	8.3	8.53
00400	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	196	8.1	7.658	8.9	6.5	0.351	0.593	7.4	7.8	8.3	8.53
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	196	0.008	0.022	0.316	0.001	0.002	0.049	0.003	0.005	0.016	0.04
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	135	8.1	8.112	8.7	7.3	0.05	0.223	7.86	8.	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	135	8.1	8.047	8.7	7.3	0.054	0.232	7.86	8.	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	135	0.008	0.009	0.05	0.002	0.	0.006	0.004	0.005	0.01	0.014
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	169	132.	132.325	221.	1.	232.483	15.247	120.	126.	138.	144.
00480	SALINITY - PARTS PER THOUSAND	10/10/91-12/05/91	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/29/75-08/29/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/29/75-08/29/75	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	195	5.	6.777	40.	0.5	26.335	5.132	2.5	5.	7.	12.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	194 ##	3.	3.613	30.	0.5	8.06	2.839	1.	2.	5.	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	196 ##	0.02	0.037	0.75	0.005	0.004	0.064	0.01	0.01	0.05	0.07
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/15/88-07/07/93	17 ##	0.005	0.01	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.022
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	154	0.42	0.417	0.7	0.08	0.013	0.112	0.28	0.35	0.5	0.56
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/88-07/07/93	5	0.3	0.304	0.4	0.21	0.009	0.095	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	110	0.06	0.109	1.35	0.015	0.035	0.187	0.017	0.03	0.09	0.207
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	110 ##	0.015	0.046	1.07	0.005	0.011	0.105	0.015	0.015	0.06	0.09

** - 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 time series plot

Parameter Inventory for Station: AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	195	0.02	0.034	0.44	0.005	0.002	0.047	0.01	0.01	0.04	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	153	0.01	0.015	0.35	0.	0.001	0.03	0.005	0.005	0.02	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	182	2.	2.752	15.2	0.5	3.205	1.79	1.86	2.	3.	4.
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	03/15/88-06/21/88	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	197	119.	124.807	277.	22.	984.401	31.375	96.	104.5	138.	174.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/21/73-08/18/76	21	100.	99.095	140.	10.	902.69	30.045	61.8	82.5	120.	129.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	196	232.	233.092	340.	25.	1134.966	33.689	201.7	219.25	253.75	270.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	1	120.	120.	120.	120.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/10/74-07/10/74	1	2.079	2.079	2.079	2.079	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			120.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	188	36.	71.628	800.	1.	12210.427	110.501	5.	16.25	79.25	161.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	188	1.556	1.539	2.903	0.	0.294	0.542	0.699	1.211	1.899	2.208
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			34.626								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	151 ##	1.	1.84	36.	0.5	8.857	2.976	0.52	1.	2.	3.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	138 ##	1.	1.591	25.6	0.	5.898	2.429	0.5	1.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	143	690.	713.972	1018.	516.	7172.379	84.69	624.	656.	764.	834.8
72053	DAYS SINCE PRECIPITATION EVENT DAYS	05/23/90-03/16/93	23	7.	8.826	34.	1.	76.332	8.737	1.	2.	10.	25.6

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

EPA Water Quality Criteria Analysis for Station: AMIS0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------6/10-10/31---------- Obs	Exceed	Prop.	----------11/01-6/09---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	41	0	0.00	13	0	0.00	28	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	211	1	0.00	84	1	0.01	127	0	0.00						
00400	PH	Other-Hi Lim.	9.	196	0	0.00	78	0	0.00	118	0	0.00						
		Other-Lo Lim.	6.5	196	4	0.02	78	4	0.05	118	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	135	0	0.00	54	0	0.00	81	0	0.00						
		Other-Lo Lim.	6.5	135	0	0.00	54	0	0.00	81	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	17	0	0.00	7	0	0.00	10	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	154	0	0.00	62	0	0.00	92	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	197	0	0.00	79	0	0.00	118	0	0.00						
		Drinking Water	250.	197	1	0.01	79	1	0.01	118	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	21	0	0.00	7	0	0.00	14	0	0.00						
		Drinking Water	250.	21	0	0.00	7	0	0.00	14	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	196	57	0.29	78	23	0.29	118	34	0.29						
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.	188	15	0.08	76	5	0.07	112	10	0.09						

& - 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 AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	4	18.05	18.875	26.1	13.3	34.416	5.867	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	4	64.5	66.	79.	56.	111.333	10.551	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	3	330.	630.667	1296.	266.	333025.333	577.083	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	4	900.	892.5	910.	860.	491.667	22.174	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	1	972.	972.	972.	972.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	4	7.5	7.75	9.	7.	0.917	0.957	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	3	8.3	8.433	8.9	8.1	0.173	0.416	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	3	8.3	8.324	8.9	8.1	0.191	0.437	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	3	0.005	0.005	0.008	0.001	0.	0.003	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	2	92.	92.	100.	84.	128.	11.314	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	1	108.	108.	108.	108.	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	1	6.	6.	6.	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 1974 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	10	21.4	21.66	30.	15.	25.8	5.079	15.1	16.525	26.	29.72
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	10	70.5	70.9	86.	59.	85.656	9.255	59.1	61.5	78.75	85.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	7	1483.	4376.571	14900.	360.	26646309.952	5162.006	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	9	760.	735.556	900.	380.	25152.778	158.596	380.	665.	860.	900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	6	1011.	998.	1074.	870.	5092.8	71.364	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	9	11.	10.333	12.	8.	2.	1.414	8.	9.	11.5	12.
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	9	8.	7.833	8.2	7.4	0.122	0.35	7.4	7.45	8.15	8.2
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	9	8.	7.712	8.2	7.4	0.139	0.373	7.4	7.45	8.15	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	9	0.01	0.019	0.04	0.006	0.	0.015	0.006	0.007	0.036	0.04
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	6	8.15	8.167	8.3	8.	0.015	0.121	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	6	8.147	8.153	8.3	8.	0.015	0.122	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	6	0.007	0.007	0.01	0.005	0.	0.002	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	6 ##	5.	9.5	25.	5.	65.5	8.093	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	6 ##	5.	4.5	5.	2.	1.5	1.225	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	5	0.2	0.29	0.53	0.15	0.029	0.171	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	6 ##	0.028	0.049	0.11	0.015	0.002	0.044	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	6 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	6	0.01	0.018	0.04	0.01	0.	0.013	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	6	0.01	0.009	0.01	0.005	0.	0.002	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	4	5.	5.25	9.	2.	8.917	2.986	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	6	82.	83.5	95.	72.	69.5	8.337	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	6	197.5	196.167	228.	165.	518.967	22.781	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	2	7.5	7.5	11.	4.	24.5	4.95	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	2	0.822	0.822	1.041	0.602	0.097	0.311	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.633								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	5 ##	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 box-and-whisker plot

Annual Analysis for 1975 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	7	17.2	18.386	23.9	12.8	20.151	4.489	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	7	63.	65.143	75.	55.	66.143	8.133	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	2	4441.	4441.	4550.	4332.	23762.	154.149	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	6	870.	880.	950.	800.	3760.	61.319	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	4	1119.5	1084.25	1148.	950.	8498.917	92.19	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	7	9.5	9.857	13.	7.5	4.726	2.174	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	6	8.	7.9	8.3	7.3	0.144	0.379	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	6	8.	7.751	8.3	7.3	0.171	0.413	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	6	0.01	0.018	0.05	0.005	0.	0.017	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	4	8.3	8.35	8.7	8.1	0.063	0.252	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	4	8.3	8.302	8.7	8.1	0.066	0.258	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	4	0.005	0.005	0.008	0.002	0.	0.002	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	4	0.475	0.48	0.56	0.41	0.007	0.081	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	4 ##	0.023	0.025	0.04	0.015	0.	0.012	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	4 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	4	4.5	4.25	6.	2.	2.917	1.708	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	4	119.5	110.75	122.	82.	370.25	19.242	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	4	192.5	188.25	203.	165.	312.917	17.689	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	4	4.5	10.5	31.	2.	188.333	13.723	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	4	0.651	0.773	1.491	0.301	0.258	0.508	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.934								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	4 ##	2.	2.5	4.	2.	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 1976 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	4	20.85	22.15	28.	18.9	16.537	4.067	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	4	69.5	71.85	82.4	66.	53.69	7.327	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	4	3264.5	6659.	19706.	401.	82037904.667	9057.478	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	4	995.	985.	1030.	920.	2300.	47.958	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	4	1132.5	1119.75	1204.	1010.	9262.917	96.244	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	4	9.65	9.525	10.6	8.2	0.996	0.998	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	4	7.9	7.975	8.4	7.7	0.096	0.31	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	4	7.889	7.905	8.4	7.7	0.102	0.32	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	4	0.013	0.012	0.02	0.004	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	4	8.1	8.1	8.3	7.9	0.053	0.231	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	4	8.055	8.055	8.3	7.9	0.056	0.237	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	4	0.009	0.009	0.013	0.005	0.	0.004	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	1	143.	143.	143.	143.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	4 ##	7.	10.	21.	5.	57.333	7.572	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	4 ##	5.	4.75	7.	2.	4.25	2.062	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	4 ##	0.05	0.04	0.05	0.01	0.	0.02	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	4	0.4	0.43	0.56	0.36	0.008	0.09	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	4	0.045	0.134	0.43	0.015	0.039	0.198	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	4 ##	0.023	0.023	0.03	0.015	0.	0.009	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	4	0.015	0.045	0.14	0.01	0.004	0.064	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	3	4.	4.333	6.	3.	2.333	1.528	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	4	114.5	117.	129.	110.	68.667	8.287	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	4	202.5	203.25	220.	188.	199.583	14.127	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0011

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	09/11/74-07/07/93	3	50.	80.333	186.	5.	8880.333	94.236	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	3	1.699	1.556	2.27	0.699	0.632	0.795	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.96								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	4 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

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Annual Analysis for 1977 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	5	20.	18.06	23.5	12.	21.118	4.595	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	4	68.	65.975	74.3	53.6	76.882	8.768	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	4	1490.	3057.5	8220.	1030.	12009691.667	3465.5	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	5	1000.	988.	1010.	940.	770.	27.749	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	5	975.	993.6	1183.	900.	13002.3	114.028	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	5	9.8	9.78	10.6	9.1	0.307	0.554	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	5	8.1	8.02	8.2	7.7	0.037	0.192	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	5	8.1	7.982	8.2	7.7	0.039	0.197	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	5	0.008	0.01	0.02	0.006	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	5	8.	8.06	8.4	7.8	0.058	0.241	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	5	8.	8.011	8.4	7.8	0.061	0.247	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	5	0.01	0.01	0.016	0.004	0.	0.005	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	5	140.	137.2	146.	126.	57.2	7.563	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	5	18.	17.4	35.	5.	130.3	11.415	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	5	10.	12.	30.	1.	136.5	11.683	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	5	0.02	0.035	0.08	0.005	0.001	0.03	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	5	0.5	0.462	0.6	0.34	0.012	0.11	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	4	0.105	0.343	1.1	0.06	0.257	0.507	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	4	0.06	0.305	1.07	0.03	0.261	0.511	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	5	0.03	0.092	0.36	0.01	0.023	0.151	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	5	0.01	0.08	0.35	0.005	0.023	0.151	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	5	119.	119.2	130.	109.	59.7	7.727	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	5	180.	184.	212.	160.	632.	25.14	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	4	22.5	24.75	50.	4.	563.583	23.74	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	4	1.151	1.151	1.699	0.602	0.336	0.58	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.142								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	5 ##	2.	1.7	2.	0.5	0.45	0.671	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	3	680.	647.333	687.	575.	3936.333	62.74	**	**	**	**

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Annual Analysis for 1978 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	12	20.9	19.892	28.	10.5	39.508	6.286	10.65	13.35	25.65	27.4
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	10	73.65	70.69	82.	50.9	97.785	9.889	51.87	62.775	78.5	81.68
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	12	2655.	2765.	6240.	1070.	2845154.545	1686.759	1076.	1175.	4060.	5871.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	12	1032.5	1008.333	1100.	690.	11137.879	105.536	783.	1001.25	1055.	1097.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	12	1183.	1178.417	1276.	1120.	1709.538	41.347	1124.2	1144.5	1195.75	1255.6
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	12	9.9	9.242	11.3	3.2	5.019	2.24	4.58	8.275	10.675	11.27
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	10	1.	1.9	8.	1.	4.767	2.183	1.	1.	2.	7.4
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	12	8.2	8.158	8.3	7.8	0.023	0.151	7.86	8.1	8.3	8.3

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Annual Analysis for 1978 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	12	8.2	8.131	8.3	7.8	0.023	0.153	7.86	8.1	8.3	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	12	0.006	0.007	0.016	0.005	0.	0.003	0.005	0.005	0.008	0.014
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	12	8.2	8.225	8.5	8.	0.026	0.16	8.	8.1	8.375	8.47
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	12	8.2	8.199	8.5	8.	0.026	0.163	8.	8.1	8.375	8.47
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	12	0.006	0.006	0.01	0.003	0.	0.002	0.003	0.004	0.008	0.01
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	12	122.5	121.5	134.	113.	44.636	6.681	113.3	114.	126.	132.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	6.75	14.	5.	10.75	3.279	5.	5.	8.75	13.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	4.583	5.	1.	1.356	1.165	1.9	5.	5.	5.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	12 ##	0.04	0.034	0.05	0.01	0.	0.017	0.01	0.013	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	12	0.39	0.435	0.59	0.35	0.008	0.088	0.35	0.365	0.538	0.581
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	10	0.045	0.066	0.18	0.03	0.003	0.054	0.03	0.03	0.082	0.177
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	10 ##	0.023	0.041	0.12	0.015	0.001	0.037	0.015	0.015	0.068	0.117
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	12	0.01	0.02	0.06	0.01	0.	0.017	0.01	0.01	0.02	0.057
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	12	0.01	0.014	0.04	0.005	0.	0.012	0.005	0.005	0.02	0.037
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	12	3.	2.833	5.	2.	0.879	0.937	2.	2.	3.	4.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	12	120.5	117.333	133.	96.	133.333	11.547	96.9	107.	124.75	130.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	12	221.5	222.25	239.	210.	86.205	9.285	210.6	213.5	230.25	237.5
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	12.5	16.833	50.	5.	183.788	13.557	5.	5.75	22.5	44.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	1.088	1.106	1.699	0.699	0.114	0.338	0.699	0.75	1.352	1.641
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.755								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	12 ##	2.	1.833	3.	1.	0.697	0.835	1.	1.	2.75	3.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	12 ##	1.	1.083	3.	0.5	0.402	0.634	0.5	1.	1.	2.4
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	12	645.	647.5	690.	600.	784.091	28.002	603.	625.	670.	687.

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Annual Analysis for 1979 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	12	20.5	19.325	27.	10.1	35.473	5.956	10.37	13.65	24.25	26.79
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	12	68.8	66.783	80.6	50.2	114.24	10.688	50.74	56.575	75.65	80.21
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	12	2610.	2996.75	6290.	743.	3500629.659	1870.997	789.5	1350.	4985.	6044.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	12	1000.	1014.583	1200.	935.	5097.538	71.397	936.5	986.25	1016.25	1170.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	12	1135.	1111.25	1162.	800.	9795.659	98.973	896.	1121.75	1153.25	1159.9
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	12	9.8	9.667	12.2	7.8	1.99	1.411	7.92	8.325	10.8	11.84
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	10	1.25	1.425	3.	0.25	0.695	0.834	0.275	0.875	2.	2.9
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	11	8.2	8.223	8.6	7.9	0.046	0.214	7.92	8.1	8.4	8.58
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	11	8.2	8.178	8.6	7.9	0.048	0.219	7.92	8.1	8.4	8.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	11	0.006	0.007	0.013	0.003	0.	0.003	0.003	0.004	0.008	0.012
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	12	8.15	8.15	8.4	7.6	0.041	0.202	7.75	8.1	8.3	8.37
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	12	8.147	8.095	8.4	7.6	0.044	0.21	7.75	8.1	8.3	8.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	12	0.007	0.008	0.025	0.004	0.	0.006	0.004	0.005	0.008	0.02
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	12	127.5	127.167	132.	120.	12.152	3.486	120.6	126.	130.	131.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	5.583	13.	4.	5.538	2.353	4.3	5.	5.	10.6
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	4.917	5.	4.	0.083	0.289	4.3	5.	5.	5.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	12	0.02	0.026	0.06	0.01	0.	0.017	0.01	0.01	0.038	0.057
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	12	0.55	0.512	0.6	0.37	0.008	0.089	0.379	0.418	0.59	0.6
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	12	0.06	0.093	0.52	0.03	0.019	0.136	0.03	0.03	0.082	0.391
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	12 ##	0.015	0.022	0.06	0.005	0.	0.014	0.008	0.015	0.03	0.051
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	12	0.02	0.031	0.17	0.01	0.002	0.044	0.01	0.01	0.028	0.128
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	12 ##	0.005	0.007	0.02	0.	0.	0.005	0.002	0.005	0.01	0.017
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	12	3.	2.583	3.	2.	0.265	0.515	2.	2.	3.	3.
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	12	99.	99.417	108.	90.	26.083	5.107	90.9	96.25	103.75	106.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	12	223.	222.583	229.	210.	36.083	6.007	211.8	218.	227.75	229.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	15.	28.667	92.	4.	891.152	29.852	4.	4.5	48.5	86.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	1.172	1.198	1.964	0.602	0.272	0.521	0.602	0.646	1.684	1.932
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.788								

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Annual Analysis for 1979 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	12 ##	1.	1.383	3.	0.6	0.672	0.82	0.72	1.	1.75	3.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	12 ##	1.	1.	2.	0.	0.182	0.426	0.3	1.	1.	1.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	9	640.	633.333	670.	570.	800.	28.284	570.	625.	650.	670.

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Annual Analysis for 1980 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	12	22.05	21.375	28.	14.5	28.062	5.297	14.65	15.25	26.75	27.85
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	12	71.9	70.492	82.	58.1	89.837	9.478	58.37	59.5	80.15	81.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	12	2161.	2891.917	5830.	1240.	1797204.447	1340.599	1476.1	2093.5	4099.	5341.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	12	1035.	1025.25	1090.	945.	2654.386	51.521	948.	976.25	1077.	1087.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	12	1168.	1165.583	1216.	1120.	1245.538	35.292	1122.1	1127.25	1202.25	1213.6
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	12	9.7	9.625	13.2	6.6	3.4	1.844	6.75	8.55	10.35	12.87
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	12	1.	1.104	2.	0.25	0.176	0.419	0.475	1.	1.375	1.85
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	12	8.05	8.042	8.3	7.6	0.043	0.207	7.66	7.925	8.2	8.3
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	12	8.047	7.993	8.3	7.6	0.045	0.213	7.66	7.925	8.2	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	12	0.009	0.01	0.025	0.005	0.	0.006	0.005	0.006	0.012	0.022
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	12	8.3	8.267	8.5	8.	0.022	0.15	8.03	8.125	8.4	8.47
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	12	8.3	8.243	8.5	8.	0.023	0.152	8.03	8.125	8.4	8.47
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	12	0.005	0.006	0.01	0.003	0.	0.002	0.003	0.004	0.008	0.009
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	12	121.	114.	136.	1.	1297.636	36.023	36.1	118.5	128.	134.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	6.5	14.	5.	12.273	3.503	5.	5.	5.	14.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	4.583	5.	1.	1.356	1.165	1.9	5.	5.	5.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	12 ##	0.01	0.019	0.05	0.01	0.	0.014	0.01	0.01	0.028	0.047
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	12	0.455	0.458	0.53	0.36	0.002	0.05	0.378	0.423	0.51	0.527
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	12	0.06	0.049	0.06	0.015	0.	0.017	0.02	0.03	0.06	0.06
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	12 ##	0.03	0.031	0.06	0.015	0.	0.019	0.015	0.015	0.053	0.06
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	12	0.02	0.016	0.02	0.005	0.	0.006	0.007	0.01	0.02	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	12 ##	0.01	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.018	0.02
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	12	2.	2.333	4.	1.	0.97	0.985	1.	2.	3.	4.
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	12	103.	104.25	112.	97.	30.023	5.479	97.3	99.25	110.25	112.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	12	223.	226.167	241.	202.	138.879	11.785	205.6	221.	237.75	240.7
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	11	35.	87.727	535.	20.	22682.218	150.606	20.4	24.	80.	448.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	11	1.544	1.674	2.728	1.301	0.174	0.417	1.309	1.38	1.903	2.584
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.202								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	12 ##	1.	1.5	3.	1.	0.636	0.798	1.	1.	2.	3.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	12 ##	1.	1.083	2.	1.	0.083	0.289	1.	1.	1.	1.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	8	630.	633.75	670.	600.	598.214	24.458	**	**	**	**

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Annual Analysis for 1981 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	12	19.75	20.517	30.	12.9	31.616	5.623	12.93	15.25	25.	28.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	12	67.55	68.925	86.	55.2	102.442	10.121	55.26	59.45	77.	83.84
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	11	2120.	3190.364	8400.	915.	4652762.455	2157.026	1014.	1825.	4414.	7702.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	11	1030.	1015.	1220.	765.	13940.	118.068	790.	975.	1100.	1198.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	12	1169.	1171.583	1248.	1025.	3029.72	55.043	1064.	1156.75	1199.	1243.2
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	12	9.	9.067	13.6	6.4	3.457	1.859	6.7	7.7	9.95	12.52
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	8	0.75	0.969	2.	0.25	0.472	0.687	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	11	8.3	8.264	8.6	7.8	0.039	0.196	7.88	8.2	8.4	8.56
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	11	8.3	8.218	8.6	7.8	0.041	0.202	7.88	8.2	8.4	8.56

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Annual Analysis for 1981 - Station AMIS0011

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	09/18/73-07/07/93	11	0.005	0.006	0.016	0.003	0.	0.003	0.003	0.004	0.006	0.014
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	12	8.25	8.25	8.4	8.1	0.017	0.131	8.1	8.1	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	12	8.247	8.232	8.4	8.1	0.018	0.133	8.1	8.1	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	12	0.006	0.006	0.008	0.004	0.	0.002	0.004	0.004	0.008	0.008
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	12	127.	126.167	138.	114.	41.061	6.408	114.6	124.	130.	135.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	9.25	23.	4.	43.114	6.566	4.3	5.	11.75	22.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	5.083	11.	1.	6.811	2.61	1.3	3.5	5.75	10.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	12	0.025	0.033	0.1	0.01	0.001	0.028	0.01	0.01	0.048	0.091
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	12	0.495	0.504	0.61	0.41	0.004	0.062	0.416	0.463	0.55	0.607
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	12	0.075	0.096	0.34	0.03	0.007	0.083	0.03	0.06	0.09	0.283
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	12	0.045	0.05	0.15	0.015	0.002	0.04	0.015	0.015	0.06	0.132
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	12	0.025	0.032	0.11	0.01	0.001	0.027	0.01	0.02	0.03	0.092
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	12	0.015	0.017	0.05	0.005	0.	0.013	0.005	0.005	0.02	0.044
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	10	2.	2.2	3.	1.	0.4	0.632	1.1	2.	3.	3.
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	12	107.5	107.	114.	97.	21.636	4.651	98.8	104.25	111.25	113.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	12	226.5	225.333	235.	213.	50.606	7.114	213.3	220.25	231.75	234.1
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	56.	73.25	175.	12.	3318.568	57.607	13.2	18.5	123.75	169.9
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	1.747	1.708	2.243	1.079	0.171	0.414	1.117	1.267	2.091	2.23
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			51.073								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	12 ##	1.	1.917	6.	1.	2.265	1.505	1.	1.	2.75	5.1
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	12 ##	1.	1.917	5.	1.	1.902	1.379	1.	1.	2.75	4.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	10	670.	665.8	690.	620.	380.844	19.515	623.	657.5	680.	689.

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Annual Analysis for 1982 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	12	20.6	19.842	29.	11.9	35.144	5.928	12.08	13.5	25.075	28.4
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	12	69.1	67.725	84.2	53.4	113.949	10.675	53.73	56.3	77.15	83.12
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	7	2420.	2940.	5230.	1200.	2659666.667	1630.848	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	12	1040.	1119.583	1470.	995.	22947.538	151.484	996.5	1002.5	1200.	1422.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	12	1151.5	1114.25	1232.	950.	9753.477	98.76	965.	1000.	1197.5	1222.4
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	12	9.4	9.217	11.7	7.	2.976	1.725	7.03	7.45	10.9	11.61
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	11	1.	1.023	3.	0.25	0.656	0.81	0.3	0.5	1.	2.8
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	9	8.3	8.261	8.7	7.2	0.175	0.418	7.2	8.3	8.425	8.7
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	9	8.3	7.969	8.7	7.2	0.271	0.52	7.2	8.3	8.425	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	9	0.005	0.011	0.063	0.002	0.	0.02	0.002	0.004	0.005	0.063
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	12	8.2	8.133	8.4	7.9	0.028	0.167	7.9	8.	8.275	8.37
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	12	8.2	8.104	8.4	7.9	0.029	0.17	7.9	8.	8.275	8.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	12	0.006	0.008	0.013	0.004	0.	0.003	0.004	0.005	0.01	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	12	127.	129.083	141.	120.	37.356	6.112	120.6	126.	134.	139.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	5.417	10.	3.	2.811	1.676	3.6	5.	5.	9.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	3.583	5.	0.5	3.856	1.964	0.5	1.25	5.	5.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	12 ##	0.01	0.024	0.1	0.01	0.001	0.027	0.01	0.01	0.038	0.082
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	12	0.465	0.466	0.7	0.37	0.009	0.095	0.37	0.378	0.508	0.649
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	12	0.06	0.08	0.3	0.015	0.006	0.076	0.015	0.038	0.09	0.246
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	12 ##	0.015	0.04	0.21	0.015	0.003	0.056	0.015	0.015	0.053	0.165
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	12	0.02	0.027	0.1	0.005	0.001	0.025	0.005	0.013	0.03	0.082
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	12 ##	0.005	0.013	0.07	0.005	0.	0.019	0.005	0.005	0.018	0.055
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	12	2.	2.25	4.	1.	0.568	0.754	1.3	2.	2.75	3.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	12	106.5	105.833	113.	94.	46.697	6.834	94.	102.25	111.75	113.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	12	222.	220.333	227.	206.	43.697	6.61	207.2	218.	225.75	226.7
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	36.	43.75	116.	2.	1013.659	31.838	2.3	26.25	62.5	104.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	1.554	1.454	2.064	0.301	0.285	0.534	0.354	1.418	1.795	2.009
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.444								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	12 ##	1.	1.417	2.	1.	0.265	0.515	1.	1.	2.	2.

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Annual Analysis for 1982 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	12 ##	1.	1.667	5.	1.	1.333	1.155	1.	1.	2.	4.1
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	12	651.	650.833	690.	610.	651.242	25.519	613.	630.	672.5	688.2

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Annual Analysis for 1983 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	12	19.2	17.858	21.7	11.	12.419	3.524	11.3	15.625	20.725	21.49
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	12	66.55	64.142	71.1	51.8	40.243	6.344	52.34	60.125	69.3	70.71
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	8	1695.	2264.625	6320.	523.	3691696.268	1921.379	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	12	1070.	1073.417	1147.	1020.	1085.902	32.953	1024.5	1055.5	1090.	1132.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	12	1186.5	1180.583	1301.	1020.	8002.083	89.454	1038.	1100.	1254.	1297.1
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	11	9.	9.255	12.9	6.9	2.929	1.711	6.98	7.8	10.2	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	12 ##	0.5	0.792	1.5	0.5	0.157	0.396	0.5	0.5	1.	1.5
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	12	8.55	8.45	8.9	7.9	0.128	0.358	7.9	8.075	8.7	8.9
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	12	8.547	8.309	8.9	7.9	0.15	0.387	7.9	8.075	8.7	8.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	12	0.003	0.005	0.013	0.001	0.	0.004	0.001	0.002	0.009	0.013
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	12	8.	8.008	8.3	7.8	0.021	0.144	7.83	7.9	8.1	8.27
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	12	8.	7.988	8.3	7.8	0.021	0.146	7.83	7.9	8.1	8.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	12	0.01	0.01	0.016	0.005	0.	0.003	0.005	0.008	0.013	0.015
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	12	133.5	133.917	142.	126.	16.811	4.1	127.5	131.25	136.75	140.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	6.167	14.	3.	11.242	3.353	3.3	4.25	6.5	13.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	4.167	9.	1.	4.879	2.209	1.	2.25	5.	7.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	12 ##	0.01	0.028	0.12	0.01	0.001	0.037	0.01	0.01	0.028	0.111
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	12	0.36	0.371	0.43	0.3	0.002	0.043	0.306	0.343	0.418	0.427
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	12	0.06	0.072	0.28	0.015	0.005	0.071	0.02	0.03	0.06	0.232
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	12 ##	0.015	0.038	0.12	0.015	0.001	0.036	0.015	0.015	0.06	0.111
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	12	0.02	0.024	0.09	0.005	0.001	0.023	0.007	0.01	0.02	0.075
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	12 ##	0.005	0.013	0.04	0.005	0.	0.012	0.005	0.005	0.02	0.037
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	12	2.	1.933	4.	1.	0.635	0.797	1.	1.25	2.	3.46
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	12	118.	117.667	125.	106.	26.97	5.193	108.1	114.5	121.75	124.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	12	223.	226.417	242.	215.	84.811	9.209	215.9	219.25	235.	241.4
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	30.	43.5	210.	4.	3144.273	56.074	4.	11.	49.	168.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	1.475	1.389	2.322	0.602	0.249	0.499	0.602	1.037	1.688	2.179
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.483								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	12 ##	2.	4.417	36.	1.	99.174	9.959	1.	1.	2.	25.8
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	12 ##	1.5	1.5	2.	1.	0.273	0.522	1.	1.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	12	686.	687.5	744.	636.	712.818	26.699	642.	678.5	701.	733.8

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Annual Analysis for 1984 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	12	19.5	18.217	25.8	10.	25.098	5.01	10.18	13.525	21.95	24.84
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	12	67.1	64.792	78.4	50.	81.184	9.01	50.33	56.35	71.525	76.69
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	9	875.	1133.889	2640.	85.	669213.361	818.055	85.	551.5	1760.	2640.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	12	1140.	1131.417	1340.	939.	11002.811	104.894	961.8	1050.	1195.	1304.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	12	1280.	1237.	1320.	1100.	7116.	84.356	1106.	1140.	1300.	1317.6
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	11	9.2	9.173	11.	7.5	1.428	1.195	7.52	8.3	10.1	10.96
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	11	1.	1.318	3.	0.5	0.514	0.717	0.5	1.	1.5	2.8
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	10	8.4	8.34	8.7	7.7	0.118	0.344	7.72	8.125	8.625	8.7
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	10	8.389	8.205	8.7	7.7	0.138	0.372	7.72	8.125	8.625	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	10	0.004	0.006	0.02	0.002	0.	0.006	0.002	0.002	0.008	0.019

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Annual Analysis for 1984 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	12	8.1	8.083	8.2	7.9	0.014	0.119	7.9	8.	8.2	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	12	8.1	8.068	8.2	7.9	0.014	0.12	7.9	8.	8.2	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	12	0.008	0.009	0.013	0.006	0.	0.002	0.006	0.006	0.01	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	12	134.	134.75	141.	128.	21.295	4.615	128.6	131.	139.5	141.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	5.5	12.	3.	5.	2.236	3.3	5.	5.	10.5
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	12 ##	5.	3.625	5.	0.5	3.233	1.798	0.65	2.	5.	5.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	12 ##	0.015	0.035	0.14	0.01	0.002	0.04	0.01	0.01	0.06	0.119
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	12	0.44	0.432	0.54	0.32	0.004	0.059	0.338	0.393	0.46	0.528
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	12	0.105	0.128	0.34	0.03	0.009	0.097	0.03	0.038	0.203	0.31
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	12 ##	0.015	0.048	0.18	0.015	0.003	0.055	0.015	0.015	0.082	0.162
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	12	0.035	0.043	0.11	0.01	0.001	0.032	0.01	0.013	0.068	0.101
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	12 ##	0.005	0.016	0.06	0.005	0.	0.018	0.005	0.005	0.028	0.054
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	12	2.	1.975	2.1	1.8	0.008	0.087	1.8	2.	2.	2.07
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	12	119.	115.667	130.	60.	327.879	18.107	75.9	116.5	124.5	128.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	12	243.	243.333	258.	227.	79.879	8.937	229.4	236.5	249.5	257.1
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	19.5	38.417	160.	5.	2065.174	45.444	5.3	10.	44.75	139.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	1.29	1.349	2.204	0.699	0.219	0.468	0.723	1.	1.651	2.129
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.358								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	11 ##	1.	1.636	4.	1.	0.855	0.924	1.	1.	2.	3.6
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	11 ##	1.	1.364	2.	1.	0.255	0.505	1.	1.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	12	705.	714.5	758.	688.	549.182	23.435	689.2	697.	728.5	756.8

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Annual Analysis for 1985 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	12	17.6	16.742	21.6	9.4	16.795	4.098	10.06	12.75	20.325	21.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	10	63.7	61.49	69.1	48.9	57.081	7.555	49.3	53.425	68.325	69.06
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	11	1368.	1735.273	2850.	1070.	476853.018	690.545	1070.	1074.	2440.	2780.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	12	1213.5	1203.	1287.	1090.	4476.545	66.907	1099.	1131.5	1260.	1284.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	12	1324.	1285.083	1450.	1090.	13173.72	114.777	1111.	1174.75	1373.25	1433.5
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	12	9.	8.817	11.9	6.2	2.805	1.675	6.38	7.475	9.7	11.57
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	7	1.5	1.429	2.	0.5	0.369	0.607	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	12	8.1	8.108	8.6	7.7	0.088	0.297	7.73	7.825	8.3	8.6
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	12	8.1	8.026	8.6	7.7	0.096	0.309	7.73	7.825	8.3	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	12	0.008	0.009	0.02	0.003	0.	0.006	0.003	0.005	0.015	0.019
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	12	7.95	7.917	8.3	7.5	0.058	0.241	7.56	7.7	8.1	8.27
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	12	7.947	7.856	8.3	7.5	0.062	0.249	7.56	7.7	8.1	8.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	12	0.011	0.014	0.032	0.005	0.	0.008	0.005	0.008	0.02	0.028
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	12	137.5	137.667	150.	128.	52.061	7.215	128.	131.	143.25	149.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	12	7.	6.417	11.	0.5	9.129	3.021	1.1	5.	7.75	11.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	12	2.25	2.667	5.	0.5	2.015	1.42	0.65	2.	3.75	5.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	12 ##	0.01	0.027	0.09	0.01	0.001	0.026	0.01	0.01	0.045	0.081
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	12	0.4	0.384	0.53	0.18	0.013	0.113	0.21	0.293	0.485	0.521
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	9	0.09	0.301	1.35	0.015	0.209	0.457	0.015	0.06	0.475	1.35
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	9	0.03	0.045	0.09	0.015	0.001	0.031	0.015	0.015	0.075	0.09
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	12	0.035	0.083	0.44	0.005	0.017	0.13	0.01	0.02	0.055	0.383
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	11	0.02	0.016	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	11	2.	3.4	15.2	0.8	18.048	4.248	0.84	1.4	2.	13.56
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	12	127.	111.417	136.	22.	1448.083	38.054	27.4	119.	130.75	134.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	12	256.	247.833	269.	196.	395.97	19.899	206.8	236.25	260.75	266.6
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	51.5	77.25	300.	7.	7683.659	87.656	9.7	27.	69.5	273.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	1.712	1.679	2.477	0.845	0.199	0.446	0.953	1.431	1.842	2.431
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.793								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	12 ##	1.5	1.583	3.	0.5	0.765	0.875	0.5	1.	2.	3.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	12 ##	1.	1.417	4.	0.5	0.947	0.973	0.5	1.	2.	3.4

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Annual Analysis for 1985 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	12	744.	741.667	794.	696.	791.879	28.14	697.8	719.	762.	785.

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Annual Analysis for 1986 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	12	18.95	19.058	24.6	11.9	21.188	4.603	12.2	14.75	23.575	24.54
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	11	2420.	3585.364	10700.	416.	9485370.855	3079.833	473.4	1500.	6080.	9858.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	12	1170.	1164.667	1260.	1050.	3951.697	62.863	1060.5	1110.5	1214.25	1251.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	11	1368.	1357.	1467.	1214.	7897.	88.865	1217.2	1259.	1440.	1463.4
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	12	8.4	8.133	10.2	5.4	2.152	1.467	5.7	6.825	9.075	10.11
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	8	1.25	1.813	4.	0.5	1.638	1.28	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	12	7.85	7.85	8.5	7.4	0.101	0.318	7.43	7.6	8.075	8.41
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	12	7.847	7.757	8.5	7.4	0.11	0.332	7.43	7.6	8.075	8.41
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	12	0.014	0.018	0.04	0.003	0.	0.011	0.004	0.008	0.025	0.037
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	11	8.	7.955	8.4	7.3	0.115	0.339	7.32	7.8	8.1	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	11	8.	7.815	8.4	7.3	0.136	0.369	7.32	7.8	8.1	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	11	0.01	0.015	0.05	0.004	0.	0.015	0.004	0.008	0.016	0.048
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	11	136.	134.545	143.	125.	32.273	5.681	125.2	131.	139.	142.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	12	6.5	6.	11.	2.5	9.545	3.09	2.5	2.5	8.75	10.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	12	2.5	2.833	7.	1.	3.152	1.775	1.	1.25	3.75	6.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	12	0.025	0.059	0.26	0.01	0.006	0.075	0.01	0.01	0.09	0.221
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	11	0.36	0.376	0.47	0.28	0.004	0.067	0.284	0.32	0.46	0.468
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	12	0.03	0.041	0.11	0.01	0.001	0.031	0.013	0.02	0.04	0.107
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	11 ##	0.005	0.011	0.04	0.005	0.	0.012	0.005	0.005	0.01	0.038
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	11	2.	3.545	14.	2.	12.873	3.588	2.	2.	3.	12.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	12	139.	136.	145.	119.	77.273	8.79	120.5	127.75	143.25	145.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	12	266.	259.667	278.	236.	178.606	13.364	237.5	247.	268.	275.6
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	10	95.	222.4	660.	12.	69847.6	264.287	13.	29.5	521.25	658.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	10	1.972	1.997	2.82	1.079	0.385	0.621	1.106	1.464	2.713	2.819
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			99.419								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	10 ##	1.	1.32	2.	0.5	0.302	0.549	0.55	1.	2.	2.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	10 ##	1.	1.75	6.5	1.	3.181	1.783	1.	1.	1.5	6.15
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	8	768.	768.25	816.	722.	983.357	31.359	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	11	18.	17.1	20.2	13.	5.848	2.418	13.22	14.5	19.	20.16
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	11	2260.	2204.727	4413.	406.	1879404.818	1370.914	426.4	565.	2950.	4394.4
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	11	1350.	1281.273	1420.	1050.	19374.818	139.193	1060.	1110.	1400.	1417.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	4	1552.5	1589.5	1903.	1350.	53997.667	232.374	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	11	8.1	8.236	11.4	6.1	2.707	1.645	6.12	6.8	9.6	11.1
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	8	1.75	2.125	5.	0.5	2.125	1.458	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	10	8.1	7.96	8.5	6.9	0.183	0.427	6.99	7.8	8.2	8.47
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	10	8.1	7.678	8.5	6.9	0.271	0.52	6.99	7.8	8.2	8.47
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	10	0.008	0.021	0.126	0.003	0.001	0.037	0.003	0.006	0.016	0.115
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	4	7.9	7.925	8.2	7.7	0.049	0.222	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	4	7.889	7.885	8.2	7.7	0.051	0.226	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	4	0.013	0.013	0.02	0.006	0.	0.006	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	4	139.	142.5	160.	132.	157.667	12.557	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	12	5.	5.083	7.	2.5	1.856	1.362	2.5	5.	6.	6.7

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Annual Analysis for 1987 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	12	2.	1.667	2.5	0.5	0.515	0.718	0.65	1.	2.375	2.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	12 ##	0.015	0.032	0.13	0.01	0.001	0.035	0.01	0.01	0.048	0.106
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	5	0.22	0.314	0.55	0.08	0.044	0.209	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	11	0.03	0.029	0.07	0.01	0.	0.016	0.012	0.02	0.03	0.064
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	6	0.01	0.013	0.03	0.005	0.	0.009	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	12	3.	3.25	5.	2.	0.75	0.866	2.3	3.	3.	5.
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	12	157.5	160.583	179.	151.	65.538	8.096	151.6	155.	166.	176.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	12	251.5	229.667	260.	25.	4407.333	66.388	77.8	242.75	256.75	260.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	11	36.	95.636	290.	21.	8351.055	91.384	21.6	27.	145.	276.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	11	1.556	1.796	2.462	1.322	0.178	0.422	1.334	1.431	2.161	2.438
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			62.517								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	5 ##	1.	1.2	3.	0.5	1.075	1.037	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	5 ##	1.	1.	2.	0.5	0.375	0.612	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	9	802.	804.667	880.	770.	973.	31.193	770.	784.	808.	880.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	19	16.	17.579	25.8	9.3	24.938	4.994	11.5	13.9	22.6	25.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	8	1335.	2546.	8000.	426.	7078742.857	2660.591	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	18	1461.5	1469.556	1930.	1300.	16918.614	130.072	1300.	1425.5	1492.5	1547.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	4	1672.	1672.	1705.	1639.	726.	26.944	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	19	9.1	9.5	14.3	5.1	6.463	2.542	5.6	7.8	11.7	12.9
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	9	1.	1.278	2.5	0.5	0.569	0.755	0.5	0.5	2.	2.5
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	14	8.025	8.061	8.8	6.9	0.178	0.422	7.35	7.975	8.325	8.6
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	14	8.024	7.781	8.8	6.9	0.262	0.512	7.35	7.975	8.325	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	14	0.009	0.017	0.126	0.002	0.001	0.032	0.003	0.005	0.011	0.071
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	4	8.	8.1	8.5	7.9	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	4	7.989	8.042	8.5	7.9	0.084	0.291	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	4	0.01	0.009	0.013	0.003	0.	0.005	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	9	142.	137.889	150.	111.	153.111	12.374	111.	131.	147.5	150.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	13 ##	2.5	4.462	13.	2.5	12.269	3.503	2.5	2.5	5.	12.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	13 ##	2.5	2.615	5.	1.	0.923	0.961	1.4	2.25	2.5	4.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	13 ##	0.01	0.024	0.07	0.01	0.	0.022	0.01	0.01	0.04	0.066
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	6	0.27	0.273	0.36	0.2	0.004	0.064	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	13	0.03	0.029	0.05	0.01	0.	0.013	0.01	0.02	0.04	0.046
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	6	0.015	0.017	0.03	0.005	0.	0.012	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	11	3.	2.545	3.	1.	0.473	0.688	1.2	2.	3.	3.
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	13	185.	185.538	203.	162.	107.103	10.349	167.2	181.	193.5	200.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	13	279.	282.308	340.	238.	486.897	22.066	250.4	276.	285.5	322.8
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	41.5	44.583	135.	3.	1614.629	40.182	3.6	12.	53.	126.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	1.618	1.439	2.13	0.477	0.258	0.508	0.544	1.079	1.724	2.098
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			27.473								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	5	1.	2.	5.	1.	3.	1.732	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	5 ##	1.	0.8	1.	0.	0.2	0.447	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	11	864.	874.909	934.	788.	2133.091	46.185	796.4	838.	912.	934.

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Annual Analysis for 1989 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	12	15.25	16.558	23.	10.	17.248	4.153	10.75	13.325	20.5	22.88
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	12	631.5	1770.	9000.	118.	5998711.455	2449.227	199.	469.5	2440.	7061.1
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	12	1342.5	1319.333	1500.	1050.	21705.697	147.329	1057.5	1226.	1437.5	1500.
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	12	9.3	9.275	12.1	5.2	3.704	1.925	5.77	8.35	10.35	12.07
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	7	1.	1.179	2.5	0.25	0.557	0.746	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	11	7.7	7.627	8.9	6.5	0.724	0.851	6.5	6.5	8.3	8.86
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	11	7.7	7.014	8.9	6.5	1.138	1.067	6.5	6.5	8.3	8.86
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	11	0.02	0.097	0.316	0.001	0.02	0.141	0.001	0.005	0.316	0.316
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	11	136.	138.818	169.	120.	155.964	12.489	122.	133.	146.	164.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	11	5.	6.409	16.	2.5	18.391	4.288	2.5	2.5	9.	15.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	11	2.5	2.955	7.	1.	2.573	1.604	1.2	2.	4.	6.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	11	0.03	0.036	0.15	0.01	0.002	0.042	0.01	0.01	0.04	0.134
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	4	0.245	0.245	0.33	0.16	0.009	0.093	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	11	0.03	0.031	0.05	0.01	0.	0.011	0.012	0.03	0.03	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	11	2.	2.818	5.	2.	1.164	1.079	2.	2.	4.	4.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	11	174.	181.091	277.	156.	1041.091	32.266	158.8	171.	175.	256.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	11	267.	269.455	333.	241.	537.473	23.183	242.8	261.	270.	321.2
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	35.	60.5	240.	1.	4777.909	69.122	4.6	15.75	90.	209.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	12	1.544	1.494	2.38	0.	0.38	0.616	0.334	1.196	1.945	2.308
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			31.177								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	3 ##	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	3 ##	1.	4.133	10.4	1.	29.453	5.427	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	7	828.	850.571	1018.	770.	6264.952	79.151	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	9	18.8	18.367	25.3	9.	18.798	4.336	9.	17.15	20.45	25.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	9	1910.	3854.111	12670.	508.	15953744.111	3994.214	508.	824.5	5890.	12670.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	8	1181.	1183.	1422.	915.	42565.143	206.313	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	9	9.2	9.211	14.	5.4	7.474	2.734	5.4	6.9	11.05	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	4 ##	0.625	1.25	3.5	0.25	2.375	1.541	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	9	7.9	7.7	8.3	6.5	0.345	0.587	6.5	7.3	8.1	8.3
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	9	7.9	7.255	8.3	6.5	0.568	0.754	6.5	7.3	8.1	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	9	0.013	0.056	0.316	0.005	0.01	0.102	0.005	0.008	0.063	0.316
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	8	138.	135.625	140.	119.	46.268	6.802	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	8	7.	7.563	14.	2.5	11.246	3.353	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	7	2.	1.929	2.5	1.	0.202	0.45	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	8 ##	0.01	0.039	0.1	0.01	0.002	0.04	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	4	0.43	0.42	0.53	0.29	0.015	0.123	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	8	0.04	0.038	0.06	0.01	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	3	0.05	0.035	0.05	0.005	0.001	0.026	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	8	2.	2.125	3.	1.	0.411	0.641	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	8	156.	143.75	173.	97.	844.5	29.06	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	8	253.5	251.125	289.	175.	1275.839	35.719	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	9	100.	108.556	229.	28.	3102.778	55.703	28.	75.5	131.5	229.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	9	2.	1.98	2.36	1.447	0.062	0.249	1.447	1.877	2.117	2.36
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			95.454								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	4 ##	0.75	0.85	1.4	0.5	0.19	0.436	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	4	1.05	2.275	7.	0.	10.169	3.189	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	4	802.	782.	844.	680.	5082.667	71.293	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	13	15.5	17.085	25.	8.	33.375	5.777	8.8	11.95	22.7	24.52
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	12	2241.5	4751.	20100.	717.	34926259.273	5909.844	726.9	1939.25	5432.5	18021.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	13	1030.	1011.385	1142.	860.	6225.923	78.905	879.6	950.5	1067.	1114.
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	13	8.8	9.185	12.6	6.	3.703	1.924	6.64	7.75	10.55	12.48
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	8	0.75	0.906	2.	0.25	0.356	0.597	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	12	7.6	7.575	8.2	7.	0.289	0.538	7.	7.	8.175	8.2
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	12	7.555	7.32	8.2	7.	0.36	0.6	7.	7.	8.175	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	12	0.028	0.048	0.1	0.006	0.002	0.044	0.006	0.007	0.1	0.1
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	12	140.5	136.333	145.	118.	80.424	8.968	118.9	132.25	142.	145.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	12	7.	10.125	40.	2.	113.869	10.671	2.15	2.5	14.	33.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	12	1.	1.833	5.	0.5	1.697	1.303	0.65	1.	2.5	4.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	12	0.03	0.051	0.3	0.01	0.006	0.081	0.01	0.01	0.055	0.228
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	3	0.5	0.5	0.53	0.47	0.001	0.03	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	12	0.03	0.031	0.1	0.01	0.001	0.024	0.01	0.02	0.03	0.082
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	12	2.5	3.	9.	2.	3.818	1.954	2.	2.	3.	7.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	12	115.	113.5	136.	91.	224.636	14.988	91.9	98.5	127.5	133.9
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	12	245.	240.	263.	210.	272.727	16.514	211.8	224.	250.75	260.6
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	13	41.	124.154	800.	12.	45326.474	212.9	15.2	20.5	158.	560.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	13	1.613	1.744	2.903	1.079	0.277	0.526	1.168	1.312	2.194	2.662
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			55.478								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	4 ##	0.75	0.95	1.8	0.5	0.377	0.614	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	4 ##	0.5	0.5	1.	0.	0.167	0.408	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	8	690.	693.	746.	608.	1652.571	40.652	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0011

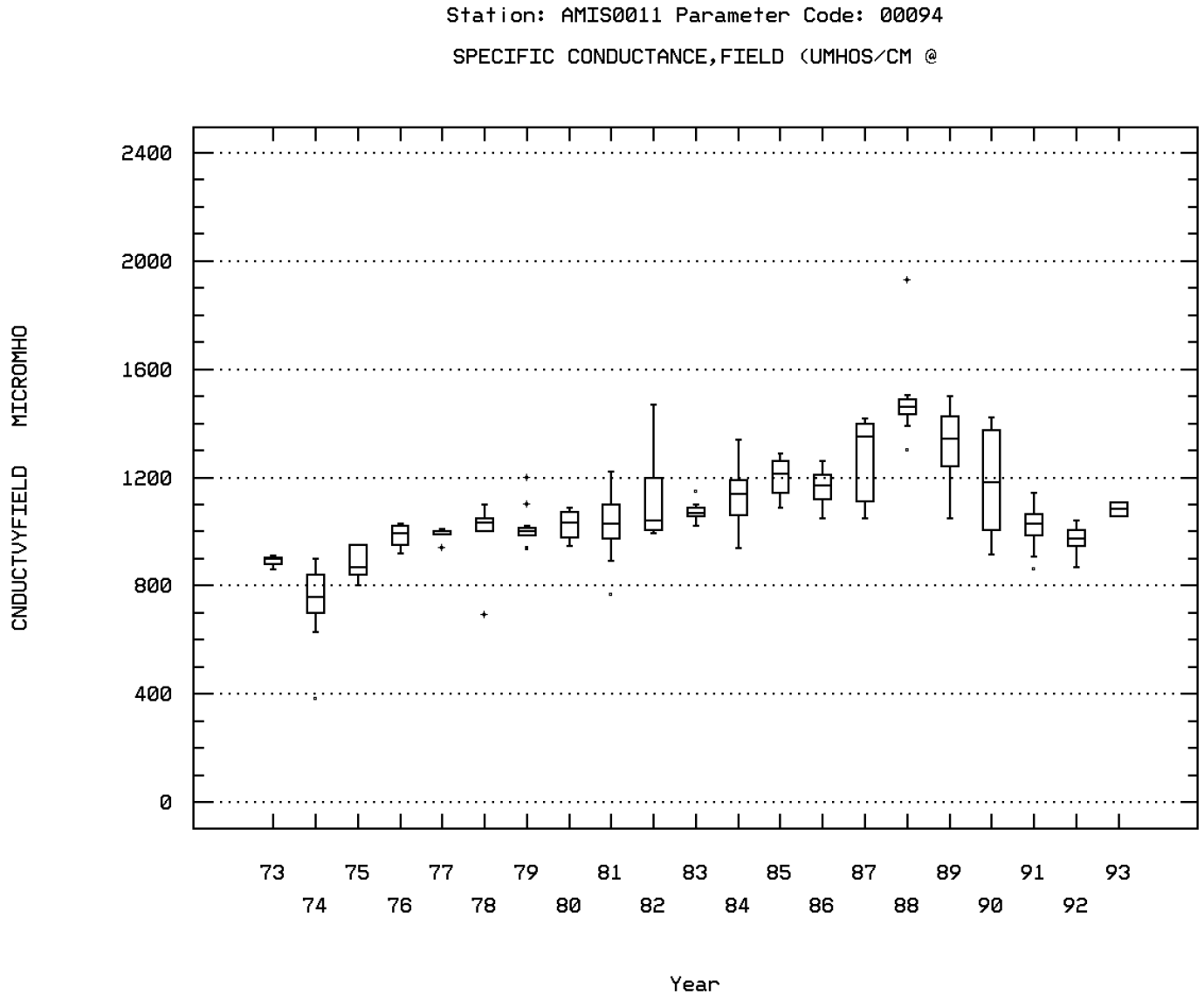
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	10	17.2	17.5	25.3	10.	33.158	5.758	10.01	12.05	23.1	25.11
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	10	2109.	2924.6	7760.	494.	7314005.156	2704.442	495.4	508.	4895.	7604.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	10	974.	970.1	1043.	870.	2310.322	48.066	876.9	944.25	1008.	1040.4
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	10	9.4	9.	11.2	4.4	5.267	2.295	4.65	7.575	11.125	11.2
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	6	1.	0.958	2.	0.25	0.36	0.6	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	10	7.9	7.73	8.5	6.8	0.362	0.602	6.82	7.075	8.225	8.48
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	10	7.855	7.377	8.5	6.8	0.501	0.708	6.82	7.075	8.225	8.48
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	10	0.014	0.042	0.158	0.003	0.003	0.053	0.003	0.006	0.085	0.153
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	10	139.	146.	221.	127.	740.889	27.219	127.1	132.5	145.75	213.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	10	4.	4.75	10.	2.	7.458	2.731	2.05	2.5	6.5	9.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	10	2.	1.9	3.	0.5	0.656	0.81	0.55	1.	2.5	2.95
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	10 ##	0.015	0.097	0.75	0.01	0.053	0.23	0.01	0.01	0.055	0.682
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	4	0.395	0.395	0.59	0.2	0.028	0.168	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	10	0.03	0.031	0.05	0.005	0.	0.015	0.007	0.02	0.043	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	4	0.02	0.019	0.03	0.005	0.	0.01	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	10	3.	3.15	6.	0.5	2.447	1.564	0.65	2.	4.25	5.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	10	110.	111.1	140.	90.	174.322	13.203	91.	104.5	116.	138.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	10	215.	205.1	237.	140.	822.767	28.684	143.4	190.5	221.75	235.7
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	11	77.	97.455	248.	10.	5358.273	73.2	17.8	51.	145.	239.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	11	1.886	1.864	2.394	1.	0.143	0.378	1.138	1.708	2.161	2.378
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			73.14								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	4 ##	0.5	1.85	5.9	0.5	7.29	2.7	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	4 ##	0.5	6.775	25.6	0.5	157.503	12.55	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	6	648.	631.	672.	516.	3266.8	57.156	**	**	**	**

** - 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

Annual Analysis for 1993 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	2	19.75	19.75	22.3	17.2	13.005	3.606	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	2	4825.5	4825.5	8481.	1170.	26725360.5	5169.658	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	2	1083.5	1083.5	1109.	1058.	1300.5	36.062	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	2	10.1	10.1	13.1	7.1	18.	4.243	**	**	**	**
00400p	PH (STANDARD UNITS)	09/18/73-07/07/93	2	8.15	8.15	8.4	7.9	0.125	0.354	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	2	8.082	8.082	8.4	7.9	0.134	0.367	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	2	0.008	0.008	0.013	0.004	0.	0.006	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	2	122.	122.	126.	118.	32.	5.657	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	2 ##	3.75	3.75	7.	0.5	21.125	4.596	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	2	0.31	0.31	0.33	0.29	0.001	0.028	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	2	133.	133.	133.	133.	0.	0.	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	2	229.	229.	232.	226.	18.	4.243	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	2	22.	22.	36.	8.	392.	19.799	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	2	1.23	1.23	1.556	0.903	0.213	0.462	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.971								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

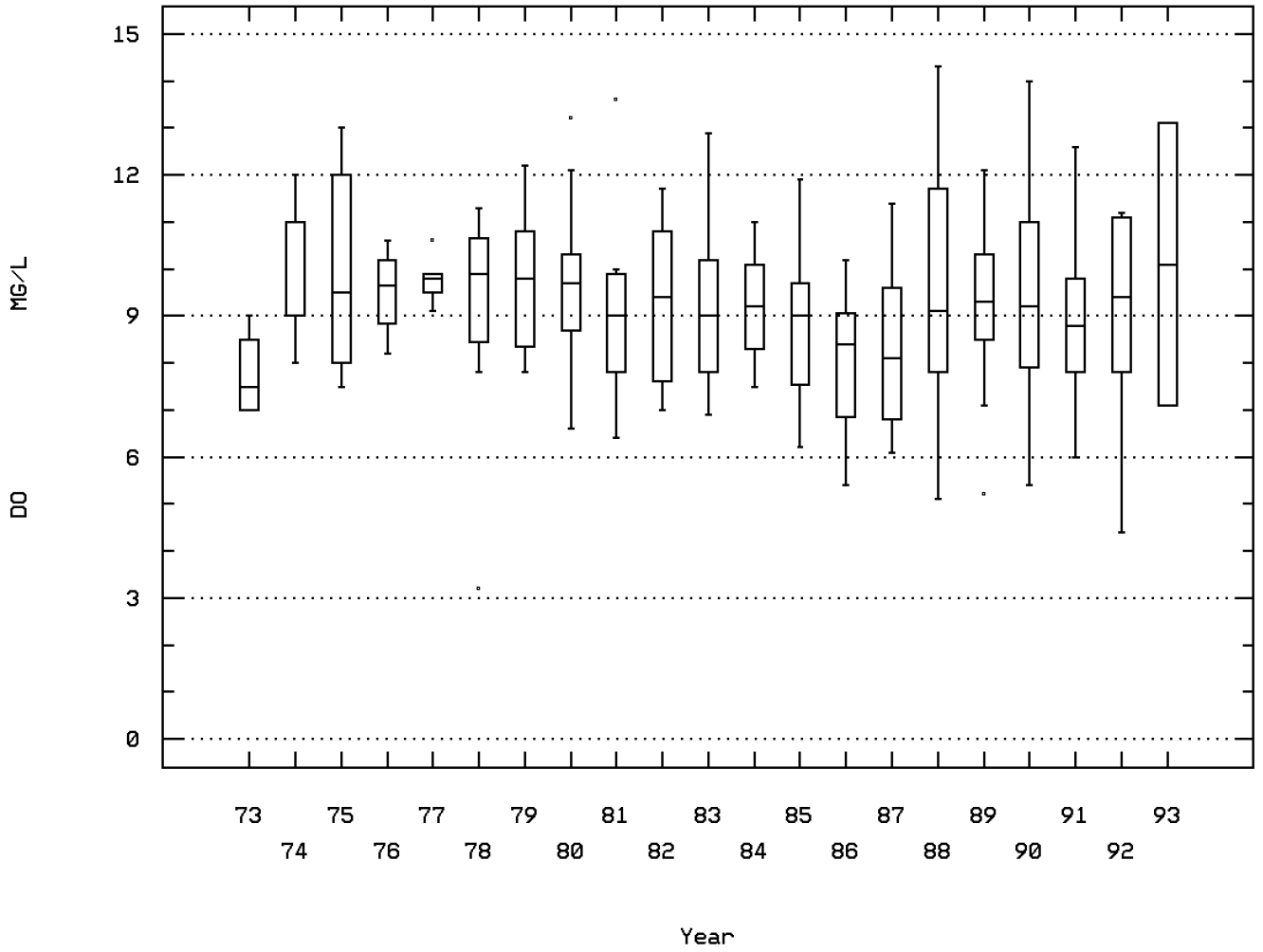
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



RIO GRANDE 12.8 MILES BELOW AMISTAD DAM

Station: AMIS0011 Parameter Code: 00300

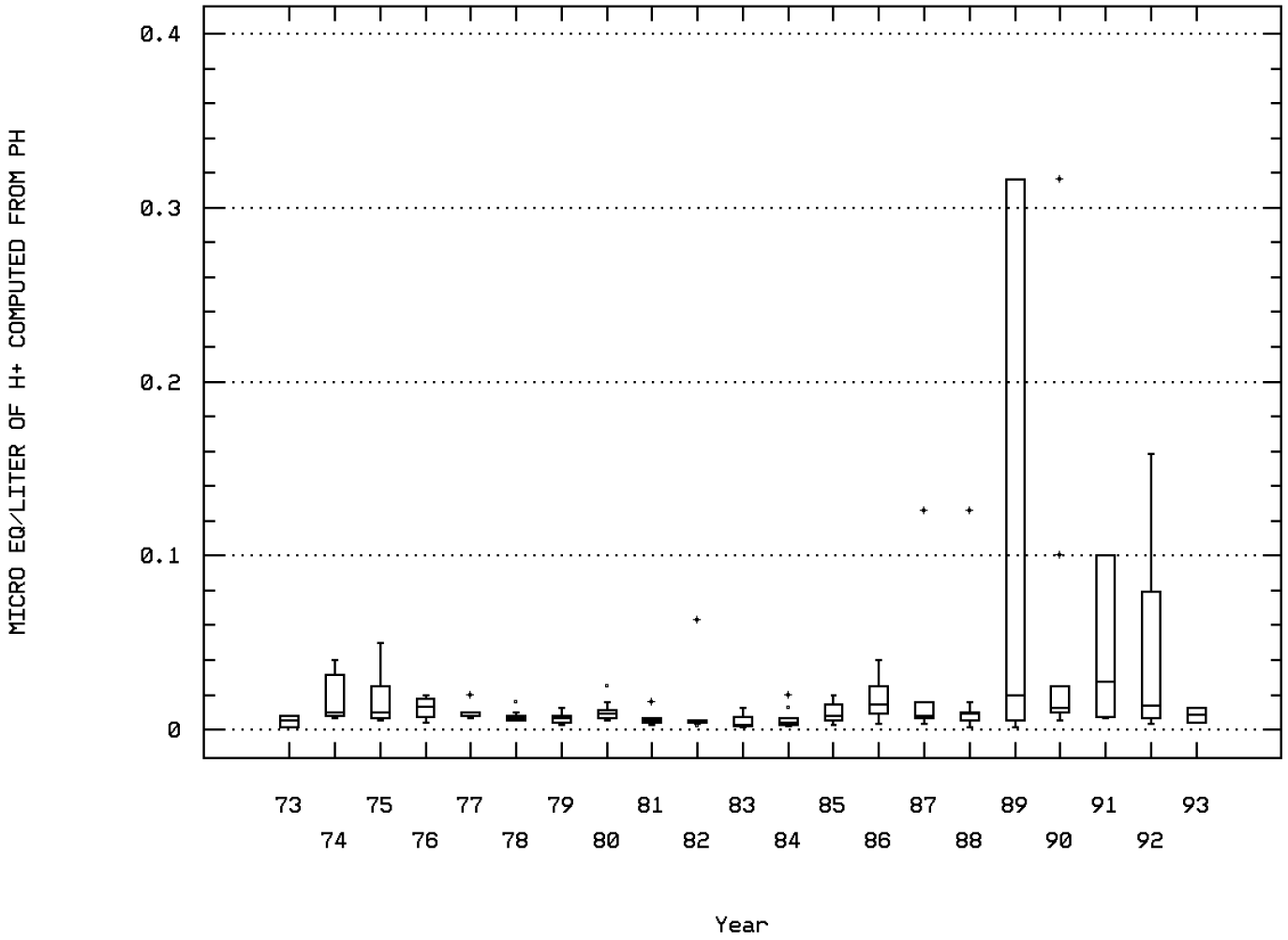
OXYGEN, DISSOLVED



RIO GRANDE 12.8 MILES BELOW AMISTAD DAM

Station: AMIS0011 Parameter Code: 00400

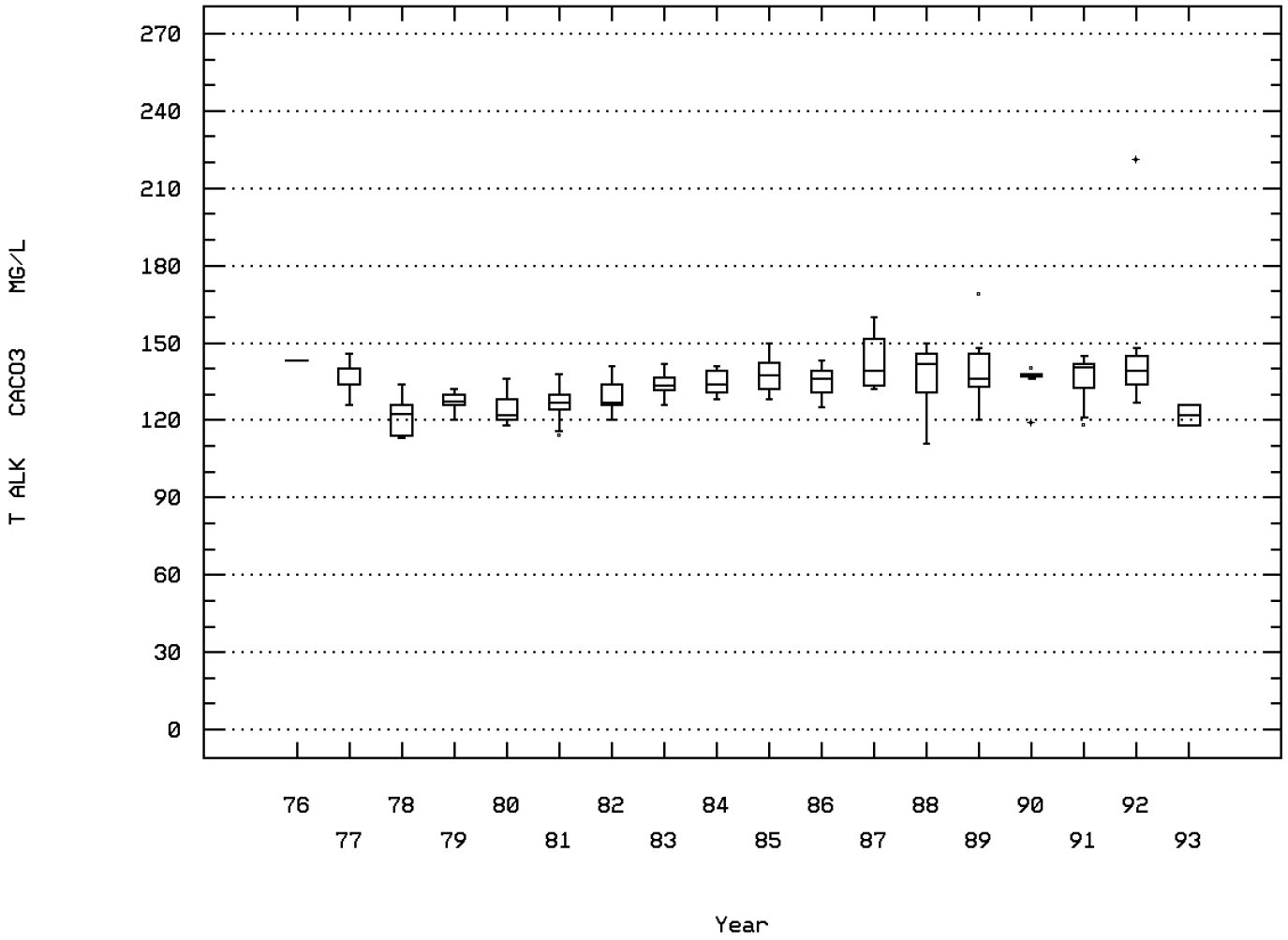
MICRO EQ/LITER OF H+ COMPUTED FROM PH



RIO GRANDE 12.8 MILES BELOW AMISTAD DAM

Station: AMIS0011 Parameter Code: 00410

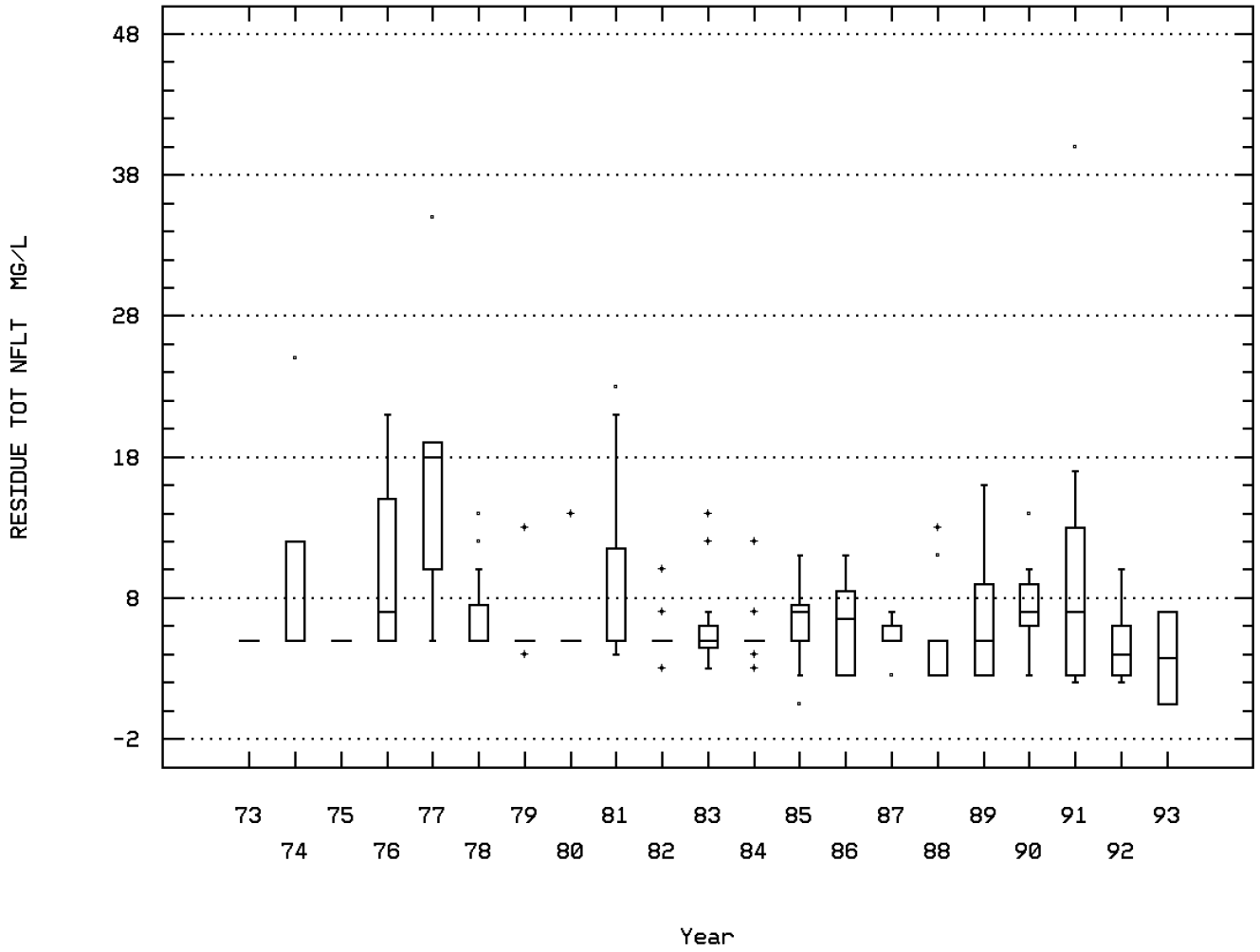
ALKALINITY, TOTAL (MG/L AS CACO3)



RIO GRANDE 12.8 MILES BELOW AMISTAD DAM

Station: AMIS0011 Parameter Code: 00530

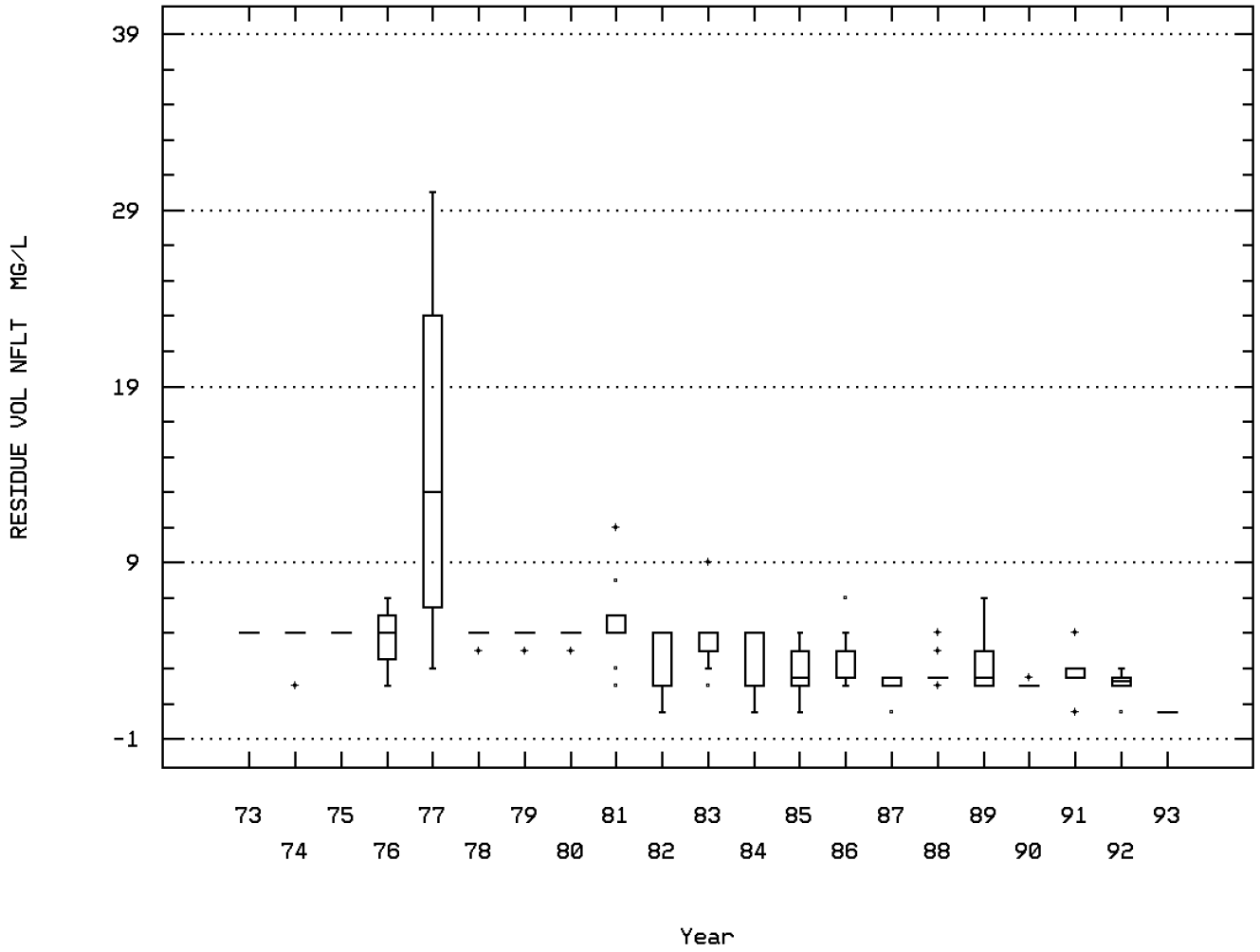
RESIDUE, TOTAL NONFILTRABLE (MG/L)



RIO GRANDE 12.8 MILES BELOW AMISTAD DAM

Station: AMIS0011 Parameter Code: 00535

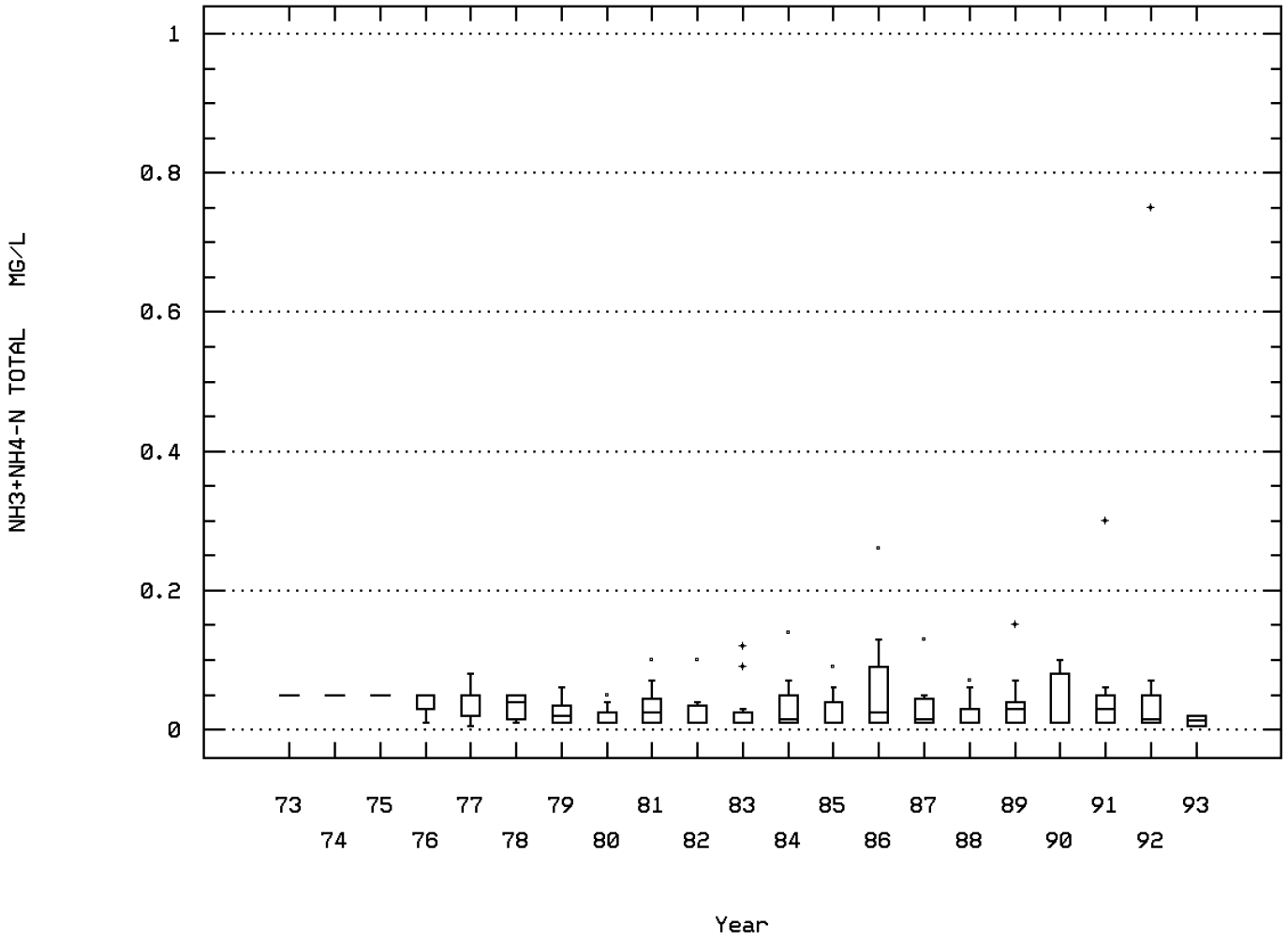
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



RIO GRANDE 12.8 MILES BELOW AMISTAD DAM

Station: AMIS0011 Parameter Code: 00610

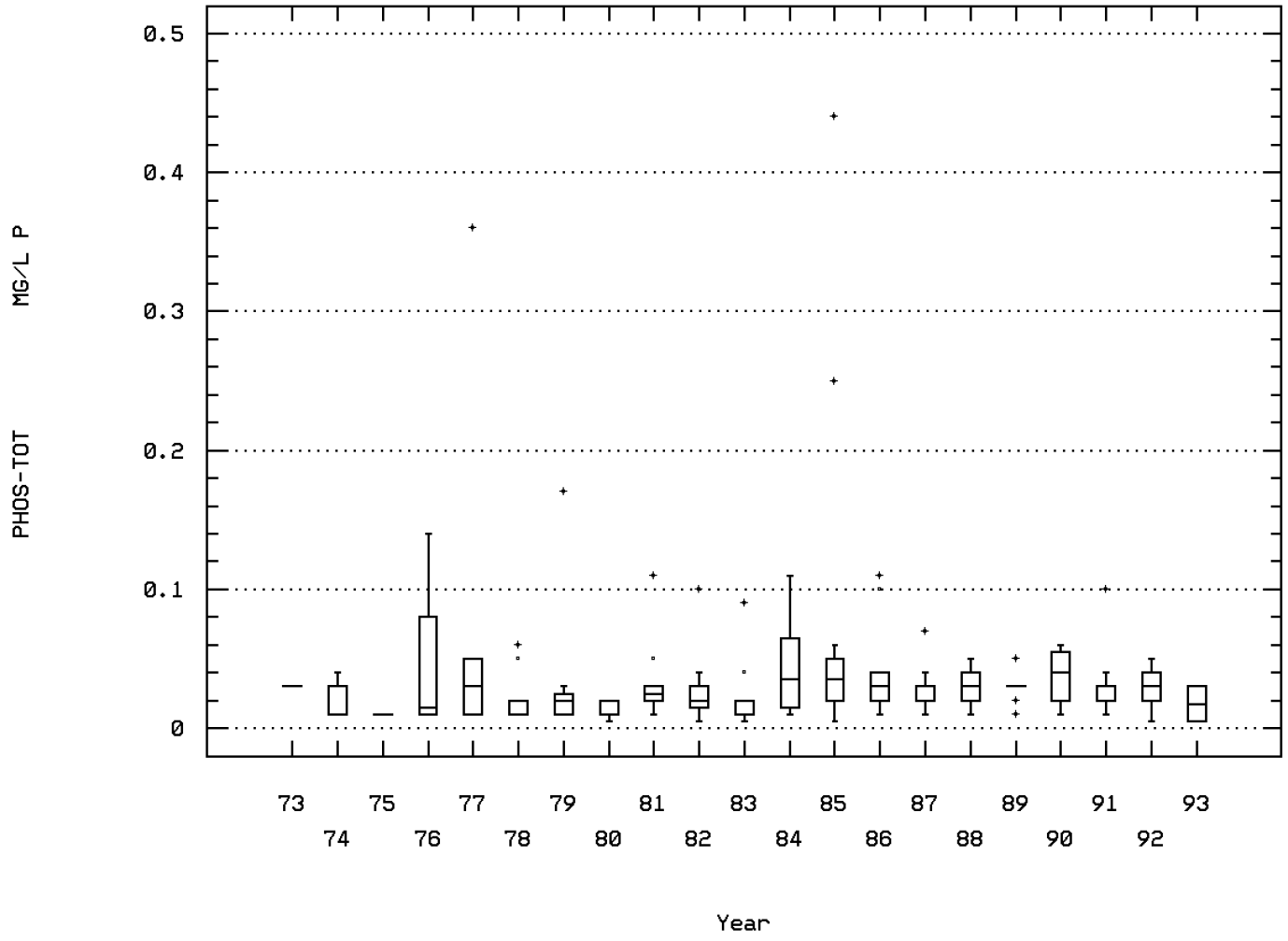
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



RIO GRANDE 12.8 MILES BELOW AMISTAD DAM

Station: AMIS0011 Parameter Code: 00665

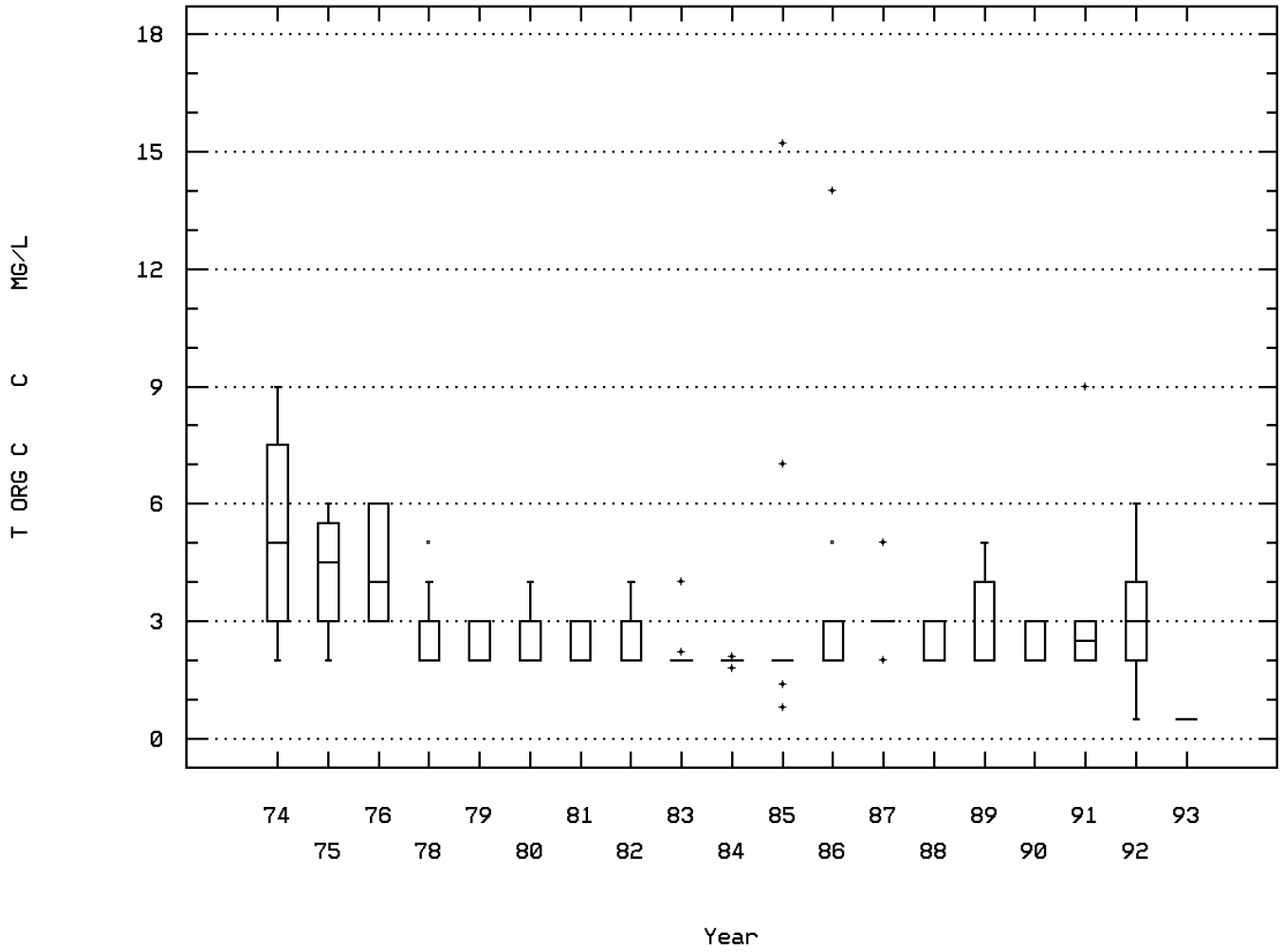
PHOSPHORUS, TOTAL (MG/L AS P)



RIO GRANDE 12.8 MILES BELOW AMISTAD DAM

Station: AMIS0011 Parameter Code: 00680

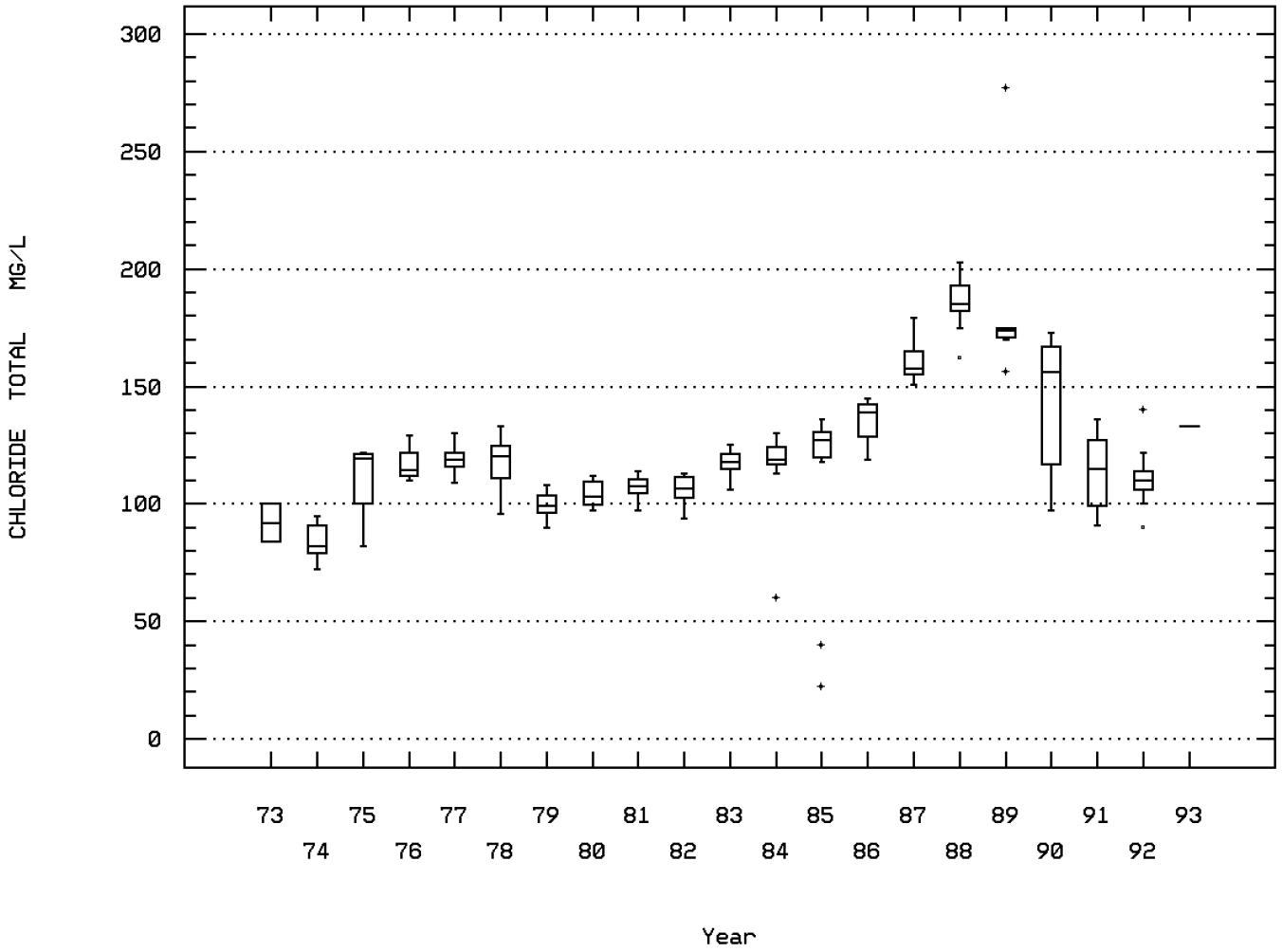
CARBON, TOTAL ORGANIC (MG/L AS C)



RIO GRANDE 12.8 MILES BELOW AMISTAD DAM

Station: AMIS0011 Parameter Code: 00940

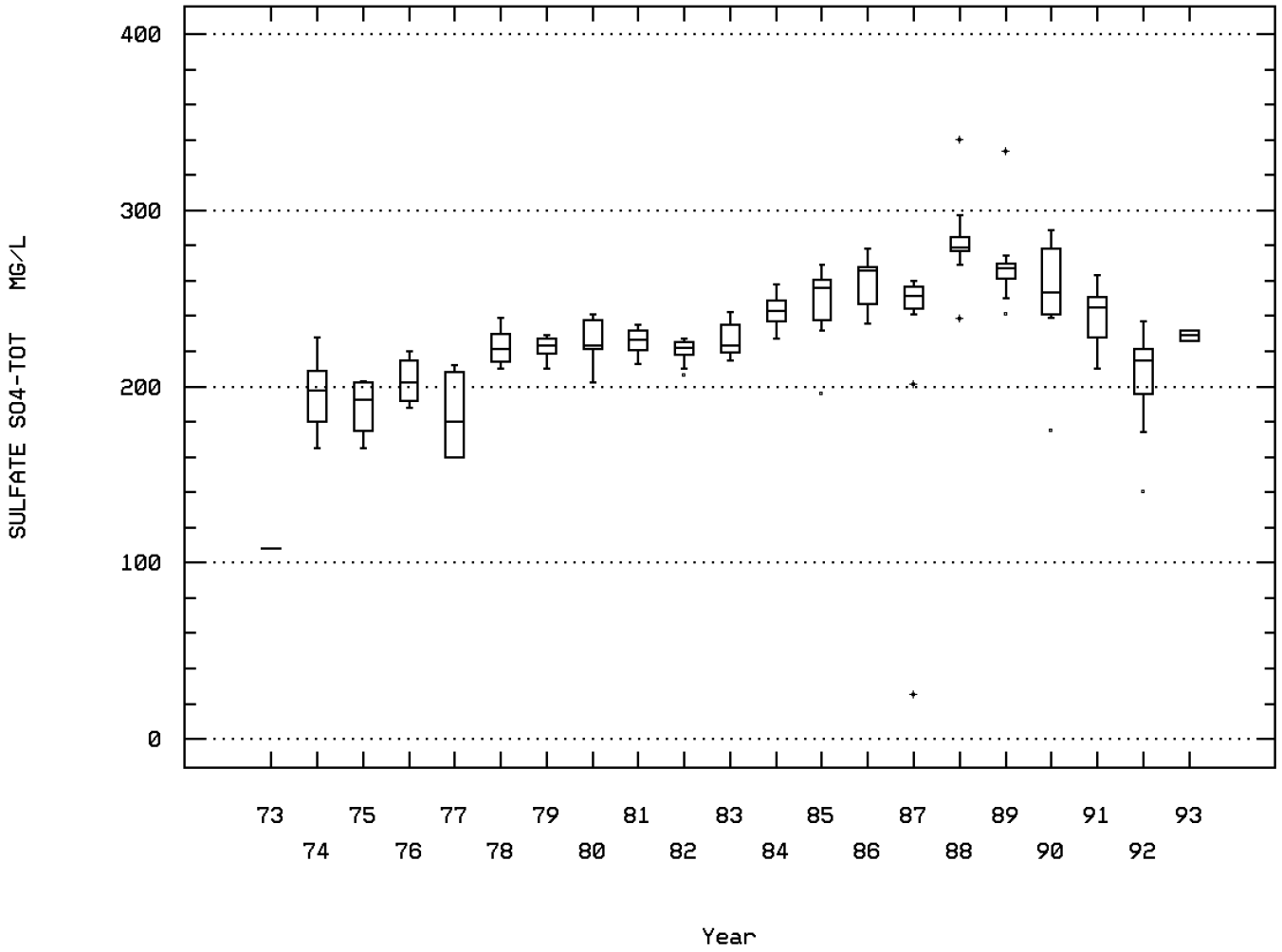
CHLORIDE,TOTAL IN WATER



RIO GRANDE 12.8 MILES BELOW AMISTAD DAM

Station: AMIS0011 Parameter Code: 00945

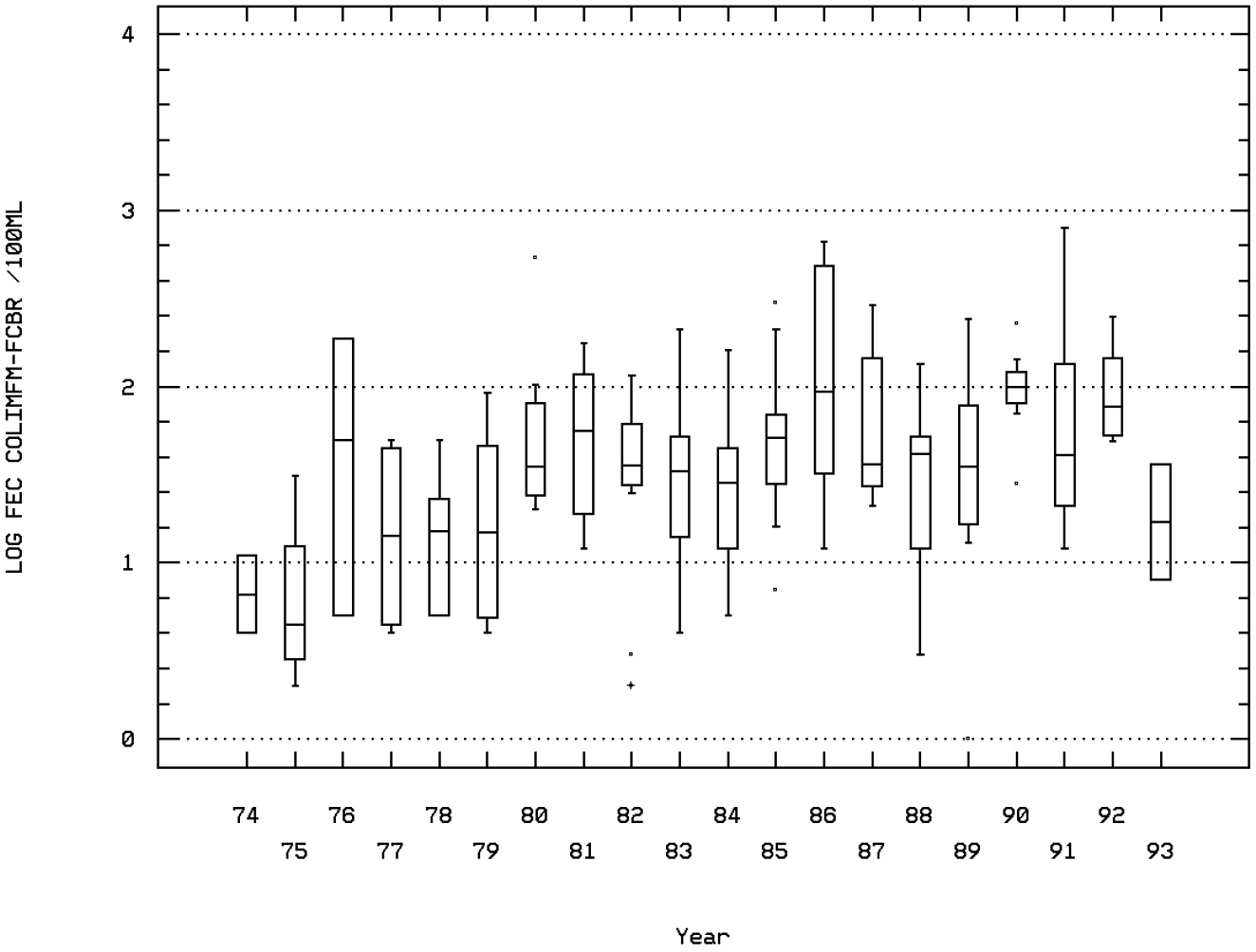
SULFATE, TOTAL (MG/L AS SO4)



RIO GRANDE 12.8 MILES BELOW AMISTAD DAM

Station: AMIS0011 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



RIO GRANDE 12.8 MILES BELOW AMISTAD DAM

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	86	23.	23.045	30.	16.	9.584	3.096	19.	20.55	25.3	27.06
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	49	76.1	75.11	86.	64.4	32.668	5.716	67.1	69.8	79.15	82.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	72	2084.	3552.486	20100.	85.	16511719.07	4063.461	508.	1291.5	4350.	8280.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/18/73-11/12/80	13	5.	8.692	40.	1.	99.397	9.97	2.6	5.	8.5	30.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/14/77-01/25/90	46	66.	63.783	90.	30.	157.596	12.554	46.2	58.5	72.	78.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	84	1071.	1110.274	1505.	630.	36434.418	190.878	912.5	1000.	1225.25	1428.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	54	1190.	1213.148	1672.	800.	25046.619	158.261	1035.	1139.	1282.	1404.
00300	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	84	7.8	7.91	12.3	3.2	2.776	1.666	5.95	6.925	8.775	10.2
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	52	1.	1.308	8.	0.25	1.69	1.3	0.25	0.5	1.5	2.35
00400	PH (STANDARD UNITS)	09/18/73-07/07/93	78	8.1	7.92	8.9	6.5	0.31	0.557	6.99	7.775	8.3	8.41
00400	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	78	8.1	7.453	8.9	6.5	0.531	0.728	6.99	7.775	8.3	8.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	78	0.008	0.035	0.316	0.001	0.005	0.073	0.004	0.005	0.017	0.103
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	54	8.1	8.056	8.4	7.4	0.053	0.23	7.7	7.9	8.225	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	54	8.1	7.991	8.4	7.4	0.057	0.239	7.7	7.9	8.225	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	54	0.008	0.01	0.04	0.004	0.	0.006	0.005	0.006	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	70	132.	133.314	221.	113.	250.566	15.829	118.	121.75	140.25	146.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	77	5.	6.916	21.	0.5	19.772	4.447	2.5	5.	9.5	13.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	76 ##	2.75	3.52	16.	0.5	5.07	2.252	1.	2.	5.	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	78	0.02	0.031	0.14	0.01	0.001	0.029	0.01	0.01	0.043	0.07
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	62	0.385	0.381	0.6	0.08	0.013	0.115	0.2	0.32	0.463	0.534
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	45	0.06	0.083	0.77	0.015	0.014	0.116	0.03	0.03	0.09	0.162
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	45 ##	0.015	0.028	0.09	0.005	0.	0.022	0.015	0.015	0.03	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	78	0.02	0.029	0.25	0.005	0.001	0.032	0.01	0.01	0.03	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	62 ##	0.005	0.01	0.04	0.	0.	0.009	0.005	0.005	0.01	0.027
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	73	2.	2.778	15.2	0.5	4.473	2.115	1.88	2.	3.	4.6
00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	79	122.	128.823	277.	40.	1142.096	33.795	97.	111.	141.	174.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	78	234.5	234.872	333.	108.	1085.308	32.944	201.	220.75	256.25	275.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	76	42.5	63.75	300.	4.	4244.35	65.149	11.7	20.25	76.75	164.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	76	1.628	1.614	2.477	0.602	0.178	0.421	1.068	1.306	1.885	2.216
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			41.119								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	58 ##	1.	2.379	36.	0.5	21.843	4.674	0.59	1.	2.	3.1
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	54 ##	1.	1.222	5.	0.	0.676	0.822	0.5	1.	1.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	59	696.	718.458	1018.	516.	8294.494	91.074	630.	660.	764.	828.

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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/07/93	128	15.2	15.738	25.	8.	14.21	3.77	10.96	12.9	18.9	21.21
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-11/26/85	72	60.8	61.889	77.	48.9	51.389	7.169	52.27	55.55	68.	71.74
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/07/93	105	2050.	2545.905	10700.	266.	4531260.51	2128.676	508.	992.5	3205.	5960.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/18/73-11/12/80	28	5.	5.393	20.	0.	13.062	3.614	2.	4.	5.	10.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/14/77-01/25/90	56	71.5	70.429	120.	24.	224.904	14.997	51.1	64.25	78.	87.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/07/93	125	1060.	1103.944	1930.	380.	41703.65	204.215	900.	995.	1209.5	1408.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-07/27/88	81	1162.	1191.753	1903.	870.	28775.263	169.633	1000.	1120.	1267.5	1389.6
00300	OXYGEN, DISSOLVED MG/L	09/18/73-07/07/93	127	9.9	10.066	14.3	6.8	2.242	1.497	8.18	9.1	11.	12.1
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-11/18/92	79	1.	1.275	4.	0.25	0.618	0.786	0.5	0.5	2.	2.
00400	PH (STANDARD UNITS)	09/18/73-07/07/93	118	8.1	8.085	8.9	7.	0.152	0.39	7.59	7.9	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	09/18/73-07/07/93	118	8.1	7.878	8.9	7.	0.195	0.441	7.59	7.9	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/07/93	118	0.008	0.013	0.1	0.001	0.	0.018	0.003	0.005	0.013	0.026
00403	PH, LAB, STANDARD UNITS SU	10/17/73-07/27/88	81	8.1	8.149	8.7	7.3	0.045	0.212	7.9	8.	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-07/27/88	81	8.1	8.088	8.7	7.3	0.049	0.22	7.9	8.	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-07/27/88	81	0.008	0.008	0.05	0.002	0.	0.006	0.004	0.005	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-07/07/93	99	133.	131.626	150.	1.	220.93	14.864	126.	128.	138.	142.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-07/07/93	118	5.	6.686	40.	0.5	30.803	5.55	2.5	5.	7.	11.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/07/93	118 ##	3.	3.674	30.	0.5	10.036	3.168	1.	2.	5.	5.

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Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-07/07/93	118 ##	0.02	0.041	0.75	0.005	0.006	0.078	0.01	0.01	0.05	0.08
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-07/07/93	92	0.445	0.441	0.7	0.16	0.011	0.104	0.3	0.363	0.52	0.574
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-09/24/85	65	0.06	0.126	1.35	0.015	0.049	0.222	0.015	0.03	0.11	0.316
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-09/24/85	65 ##	0.015	0.058	1.07	0.015	0.018	0.134	0.015	0.015	0.06	0.12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-07/07/93	117	0.02	0.037	0.44	0.005	0.003	0.055	0.01	0.02	0.04	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/07/93	91	0.01	0.019	0.35	0.005	0.001	0.038	0.005	0.005	0.02	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/07/93	109	2.	2.734	14.	0.5	2.389	1.546	1.8	2.	3.	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-07/07/93	118	117.5	122.119	193.	22.	869.507	29.487	95.8	104.	133.75	173.1
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-07/07/93	118	230.	231.915	340.	25.	1173.839	34.261	202.3	218.	251.5	269.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	112	33.	76.973	800.	1.	17631.594	132.784	4.	12.	87.75	170.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/07/93	112	1.518	1.489	2.903	0.	0.369	0.608	0.602	1.079	1.943	2.231
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			30.814								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/73-07/07/93	93 ##	1.	1.504	5.	0.5	0.61	0.781	0.5	1.	2.	2.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/07/93	84 ##	1.	1.829	25.6	0.	9.158	3.026	0.5	1.	2.	2.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	84	689.	710.821	934.	575.	6450.317	80.314	620.	650.	768.5	840.

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Station Inventory for Station: AMIS0012

NPS Station ID: AMIS0012
LAT/LON: 29.326392/-100.930559
Agency: 21TEXWR
Date Created: 10/06/79
Location: RIO GRANDE 12.8 MI BELOW AMISTAD DAM
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 23040300
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13080001016
RF1 Mile Point: 0.350
Distance from RF1: 2.80
On/Off RF1: ON
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-07/13/78	36	20.	19.833	30.	10.5	27.971	5.289	12.35	15.	24.275	26.43
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/18/73-07/13/78	31	70.	69.471	86.	53.6	76.191	8.729	56.2	62.	76.1	80.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-07/13/78	26	1601.5	3757.538	19706.	266.	21049166.338	4587.937	379.7	1070.	5063.25	10224.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/18/73-05/01/78	30	5.	7.367	40.	2.	52.033	7.213	3.	5.	7.75	14.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/14/77-07/13/78	6	67.	67.	78.	56.	52.4	7.239	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/73-07/13/78	34	930.	906.029	1100.	380.	21526.939	146.721	720.	840.	1010.	1050.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-05/01/78	24	1056.	1070.458	1276.	870.	13449.216	115.971	905.	975.75	1188.25	1206.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/21/73-07/13/78	7	9.1	8.643	11.2	3.2	7.793	2.792	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/18/73-05/01/78	28	9.85	9.889	13.	7.	2.403	1.55	7.95	8.4	11.	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	02/06/78-05/01/78	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/73-07/13/78	33	8.1	8.009	8.9	7.3	0.114	0.338	7.44	7.75	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	09/18/73-07/13/78	33	8.1	7.877	8.9	7.3	0.132	0.363	7.44	7.75	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-07/13/78	33	0.008	0.013	0.05	0.001	0.	0.012	0.005	0.006	0.018	0.037
00403	PH, LAB, STANDARD UNITS SU	10/17/73-05/01/78	24	8.2	8.171	8.7	7.8	0.047	0.218	7.9	8.	8.3	8.45
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/73-05/01/78	24	8.2	8.122	8.7	7.8	0.05	0.223	7.9	8.	8.3	8.45
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/73-05/01/78	24	0.006	0.008	0.016	0.002	0.	0.004	0.004	0.005	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-05/01/78	11	128.	132.273	146.	122.	73.618	8.58	122.4	126.	140.	145.4
00500	RESIDUE, TOTAL (MG/L)	08/29/75-08/29/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/73-05/01/78	23	10.	11.261	35.	5.	44.747	6.689	5.	9.	10.	20.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-05/01/78	24	10.	8.417	30.	1.	34.254	5.853	2.	5.	10.	13.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/17/73-05/01/78	24	0.1	0.071	0.1	0.005	0.001	0.036	0.01	0.05	0.1	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/17/73-05/01/78	23	0.39	0.401	0.6	0.15	0.015	0.123	0.176	0.35	0.51	0.56
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/17/73-05/01/78	19	0.04	0.122	1.1	0.03	0.064	0.254	0.03	0.03	0.06	0.43
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-05/01/78	19	0.03	0.084	1.07	0.015	0.057	0.239	0.03	0.03	0.03	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/17/73-05/01/78	24	0.01	0.038	0.36	0.01	0.006	0.074	0.01	0.01	0.03	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-05/01/78	24	0.01	0.026	0.35	0.005	0.005	0.069	0.005	0.01	0.01	0.035
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-05/01/78	17	4.	3.882	9.	1.	4.11	2.027	1.8	2.	5.5	6.6
00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/73-05/01/78	25	116.	109.44	130.	79.	289.173	17.005	81.6	93.	122.	126.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/73-05/01/78	24	202.	192.583	224.	108.	710.949	26.664	160.	180.	211.5	219.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	1	120.	120.	120.	120.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/10/74-07/10/74	1	2.079	2.079	2.079	2.079	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			120.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/13/78	20	8.	25.25	186.	2.	1748.303	41.813	2.	2.5	37.75	50.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/13/78	20	0.903	1.	2.27	0.301	0.366	0.605	0.301	0.376	1.574	1.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.002								
32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	11/08/76-05/01/78	11 ##	0.002	0.002	0.003	0.001	0.	0.001	0.001	0.001	0.002	0.003
32230	CHLOROPHYLL A (MG/L)	10/17/73-05/01/78	23	0.004	0.003	0.006	0.001	0.	0.001	0.002	0.002	0.004	0.004
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	09/18/73-07/13/78	29	450.	442.69	530.	190.	5428.365	73.677	350.	410.	502.5	520.

** - Less than 9 observations ## - 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: AMIS0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-05/01/78	8	655.	647.75	690.	575.	1736.214	41.668	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: AMIS0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	30	0	0.00	10	0	0.00	20	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	1	0.14	2	1	0.50	5	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	28	0	0.00	10	0	0.00	18	0	0.00						
00400	PH	Other-Hi Lim.	9.	33	0	0.00	10	0	0.00	23	0	0.00						
		Other-Lo Lim.	6.5	33	0	0.00	10	0	0.00	23	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	24	0	0.00	6	0	0.00	18	0	0.00						
		Other-Lo Lim.	6.5	24	0	0.00	6	0	0.00	18	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	23	0	0.00	6	0	0.00	17	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	25	0	0.00	7	0	0.00	18	0	0.00						
		Drinking Water	250.	25	0	0.00	7	0	0.00	18	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	24	0	0.00	6	0	0.00	18	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	0	0.00	6	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

Station Inventory for Station: AMIS0013

NPS Station ID: AMIS0013
LAT/LON: 29.387504/-100.933337
Agency: 112WRD
Date Created: / /
Location: CANTU SPRINGS NR DEL RIO, TX
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 08451300
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13080001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/67-11/08/67	6	23.9	23.383	23.9	21.7	0.81	0.9	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/11/67-11/08/67	6	495.5	507.	563.	483.	858.8	29.305	**	**	**	**
00400	PH (STANDARD UNITS)	01/11/67-11/08/67	6	7.45	7.5	7.7	7.3	0.028	0.167	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/11/67-11/08/67	6	7.447	7.474	7.7	7.3	0.029	0.17	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/67-11/08/67	6	0.036	0.034	0.05	0.02	0.	0.012	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/67-11/08/67	6	224.	225.167	232.	222.	12.167	3.488	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/11/67-11/08/67	6	273.	274.5	283.	271.	18.3	4.278	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/11/67-11/08/67	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/67-11/08/67	6	247.	253.	278.	244.	167.6	12.946	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/67-11/08/67	6	23.5	28.333	54.	21.	161.067	12.691	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/67-11/08/67	6	87.	89.	98.	86.	21.6	4.648	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/67-11/08/67	6	7.65	7.633	8.2	7.2	0.131	0.361	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/67-11/08/67	6	9.45	10.067	14.	8.7	3.991	1.998	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/67-11/08/67	6	0.3	0.283	0.4	0.2	0.006	0.075	**	**	**	**
00932	SODIUM, PERCENT	01/11/67-11/08/67	6	7.	7.5	9.	7.	0.7	0.837	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/67-09/07/67	5	1.2	1.2	1.3	1.1	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/67-11/08/67	6	15.5	17.333	28.	14.	28.667	5.354	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/67-11/08/67	6	16.	17.833	32.	13.	49.767	7.055	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/11/67-11/08/67	6	0.3	0.3	0.5	0.1	0.016	0.126	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/67-11/08/67	6	12.5	11.767	13.	7.6	4.407	2.099	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/11/67-09/07/67	5	288.	297.2	337.	283.	501.7	22.399	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/08/67-11/08/67	1	294.	294.	294.	294.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/67-11/08/67	6	0.39	0.402	0.46	0.38	0.001	0.029	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/11/67-11/08/67	6	6.95	6.8	7.8	5.7	0.676	0.822	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	6	0	0.00	2	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	2	0	0.00	4	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00	4	0	0.00						
		Drinking Water	250.	6	0	0.00	2	0	0.00	4	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: AMIS0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	2	0	0.00	4	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	2	0	0.00	4	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	2	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: AMIS0014

NPS Station ID: AMIS0014
LAT/LON: 29.387504/-100.933337
Agency: 112WRD
Date Created: 02/28/78
Location: YR-70-33-801 CANTU SPRINGS
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 292315100560001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13080001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/70-10/28/92	32	23.5	23.625	25.5	21.	0.839	0.916	22.3	23.5	24.	24.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/03/70-10/28/92	32	834.	813.344	1010.	583.	13492.168	116.156	612.2	747.	894.	946.4
00400	PH (STANDARD UNITS)	11/03/70-10/28/92	32	7.5	7.509	7.8	7.2	0.026	0.161	7.3	7.4	7.6	7.77
00400	CONVERTED PH (STANDARD UNITS)	11/03/70-10/28/92	32	7.5	7.481	7.8	7.2	0.027	0.164	7.3	7.4	7.6	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/03/70-10/28/92	32	0.032	0.033	0.063	0.016	0.	0.012	0.017	0.025	0.04	0.05
00403	PH, LAB, STANDARD UNITS SU	11/05/80-10/28/92	13	7.6	7.746	8.3	7.5	0.069	0.263	7.5	7.55	7.9	8.26
00403	CONVERTED PH, LAB, STANDARD UNITS	11/05/80-10/28/92	13	7.6	7.686	8.3	7.5	0.073	0.271	7.5	7.55	7.9	8.26
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/05/80-10/28/92	13	0.025	0.021	0.032	0.005	0.	0.009	0.006	0.013	0.028	0.032
00405	CARBON DIOXIDE (MG/L AS CO2)	11/03/70-05/06/80	19	12.	12.079	20.	6.	19.948	4.466	6.5	8.	17.	18.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/03/70-10/28/92	31	203.	202.129	226.	120.	329.116	18.142	197.	198.	212.	219.6
00440	BICARBONATE ION (MG/L AS HCO3)	11/03/70-05/06/80	19	250.	245.474	276.	150.	740.374	27.21	212.	240.	260.	270.
00445	CARBONATE ION (MG/L AS CO3)	11/03/70-05/06/80	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/30/90-10/28/92	3 ##	0.005	0.01	0.02	0.005	0.	0.009	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/30/90-10/28/92	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/70-11/05/75	5	1.4	1.394	1.8	0.97	0.166	0.408	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/77-10/28/92	14	1.05	1.043	1.3	0.5	0.044	0.21	0.7	0.9	1.2	1.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/30/90-10/28/92	3 ##	0.005	0.01	0.02	0.005	0.	0.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/03/70-11/09/82	23	290.	288.261	320.	220.	524.111	22.893	252.	280.	300.	320.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/03/70-11/09/82	23	91.	85.435	120.	49.	374.984	19.365	53.4	71.	98.	112.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/03/70-10/28/92	32	100.	101.156	110.	75.	67.749	8.231	94.9	98.25	110.	110.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/03/70-10/28/92	32	11.	10.794	13.	7.2	3.067	1.751	7.98	9.6	12.	13.
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/03/70-10/28/92	26	58.	55.115	84.	18.	329.386	18.149	23.1	42.75	68.25	79.6
00931	SODIUM ADSORPTION RATIO	11/03/70-11/09/82	17	1.3	1.165	1.6	0.5	0.141	0.376	0.5	0.85	1.4	1.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/28/92-10/28/92	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/03/70-10/28/92	32	73.5	70.25	110.	29.	416.645	20.412	36.1	56.25	78.	94.7
00945	SULFATE, TOTAL (MG/L AS SO4)	11/03/70-10/28/92	25	120.	112.16	160.	38.	1055.973	32.496	53.4	96.5	135.	144.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/03/70-10/28/92	4	0.4	0.4	0.5	0.3	0.007	0.082	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/03/70-10/28/92	18	16.	15.556	17.	13.	0.85	0.922	13.9	15.	16.	16.1
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	10/23/89-10/28/92	4	200.5	202.	212.	195.	55.333	7.439	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/03/70-11/09/82	8	433.5	429.	524.	331.	5579.143	74.694	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/01/77-11/13/78	2	0.68	0.68	0.71	0.65	0.002	0.042	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	32	0	0.00	6	0	0.00	26	0	0.00						
		Other-Lo Lim.	6.5	32	0	0.00	6	0	0.00	26	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	13	0	0.00	6	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	13	0	0.00	6	0	0.00	7	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00				5	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	14	0	0.00	6	0	0.00	8	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	32	0	0.00	6	0	0.00	26	0	0.00						
		Drinking Water	250.	32	0	0.00	6	0	0.00	26	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	25	0	0.00	6	0	0.00	19	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	3	0	0.00	1	0	0.00						

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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00405	CARBON DIOXIDE (MG/L AS CO2)	11/03/70-05/06/80	19	12.	12.079	20.	6.	19.948	4.466	6.5	8.	17.	18.
00440	BICARBONATE ION (MG/L AS HCO3)	11/03/70-05/06/80	19	250.	245.474	276.	150.	740.374	27.21	212.	240.	260.	270.
00445	CARBONATE ION (MG/L AS CO3)	11/03/70-05/06/80	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/03/70-11/09/82	23	290.	288.261	320.	220.	524.111	22.893	252.	280.	300.	320.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/03/70-11/09/82	23	91.	85.435	120.	49.	374.984	19.365	53.4	71.	98.	112.
00931	SODIUM ADSORPTION RATIO	11/03/70-11/09/82	17	1.3	1.165	1.6	0.5	0.141	0.376	0.5	0.85	1.4	1.6

** - 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: AMIS0015

NPS Station ID: AMIS0015
LAT/LON: 29.613337/-100.950005
Agency: 21TEXWR
Date Created: 11/16/78
Location: AMISTAD RESERVOIR AT BUOY DRR
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): IMS21-5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13040302002
RF1 Mile Point: 34.250
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13040302019800.00
RF3 Mile Point: 7.67
Distance from RF3: 0.03
On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR AT BUOY DRR

Parameter Inventory for Station: AMIS0015

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)	02/20/74-02/20/74	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	1	540.	540.	540.	540.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	1	59.	59.	59.	59.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	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: AMIS0016

NPS Station ID: AMIS0016
LAT/LON: 29.558337/-100.975004
Agency: 11EPALES
Date Created: / /
Location: AMISTAD LAKE
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 480102
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13040302
Depth of Water: 130
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13040302002
RF1 Mile Point: 27.010
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13070008000100.30
RF3 Mile Point: 0.53
Distance from RF3: 0.02
On/Off RF3:
Description:
CENTER OF OLD CHANNEL, FAVORS E SHORE; DEVILS RIVER ARM; 50 YDS S OF POWERLINE; 100 YDS FR E SHORE.
COMMENTS: 3-5 ULE 7; INTEGRATE FR 30 FT; BEAUTIFUL WATER, 1974 DALE HOLLOW; BOAT RAMP TO THE N, SOME BOATS ON LAKE.
5-14 ULE 8, SHORELINE GREENER THAN FIRST RND; DEPTH 125 FT.

Parameter Inventory for Station: AMIS0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/74-10/29/74	30	20.8	19.927	27.7	12.1	24.33	4.933	12.17	15.825	24.325	26.95
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	05/14/74-10/29/74	5	1.	20.6	50.	1.	720.3	26.838	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/05/74-10/29/74	30	92.2	90.123	96.	81.2	26.682	5.165	81.32	84.65	94.025	95.54
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/05/74-10/29/74	4	130.	122.25	156.	73.	1294.917	35.985	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/74-10/29/74	30	756.5	716.9	955.	446.	23624.99	153.704	452.8	621.25	830.	938.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/74-10/29/74	30	830.5	789.533	954.	478.	23072.189	151.895	488.	760.75	917.75	951.5
00300	OXYGEN, DISSOLVED MG/L	03/05/74-10/29/74	28	5.9	5.411	9.4	0.1	9.848	3.138	0.37	3.	8.3	8.82
00400	PH (STANDARD UNITS)	03/05/74-10/29/74	30	7.9	7.978	8.5	7.43	0.121	0.348	7.501	7.638	8.3	8.39
00400	CONVERTED PH (STANDARD UNITS)	03/05/74-10/29/74	30	7.9	7.85	8.5	7.43	0.138	0.371	7.501	7.638	8.3	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/74-10/29/74	30	0.013	0.014	0.037	0.003	0.	0.01	0.004	0.005	0.023	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/74-10/29/74	20	133.5	136.35	154.	125.	73.292	8.561	126.1	130.	144.	147.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/74-10/29/74	20	0.035	0.038	0.07	0.01	0.	0.019	0.011	0.02	0.05	0.069
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/74-10/29/74	20	0.3	0.26	0.5	0.1	0.013	0.114	0.1	0.2	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/74-10/29/74	20	0.395	0.414	0.6	0.22	0.015	0.121	0.261	0.323	0.528	0.59
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/74-10/29/74	20	0.012	0.013	0.025	0.007	0.	0.005	0.007	0.008	0.015	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/05/74-10/29/74	20	0.009	0.009	0.022	0.001	0.	0.007	0.001	0.002	0.014	0.02
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/05/74-10/29/74	4	2.1	1.8	2.8	0.2	1.253	1.12	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	03/05/74-10/29/74	4	127.5	127.	133.	120.	32.667	5.715	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	28	8	0.29	18	8	0.44	10	0	0.00						
00400	PH	Other-Hi Lim.	9.	30	0	0.00	18	0	0.00	12	0	0.00						
		Other-Lo Lim.	6.5	30	0	0.00	18	0	0.00	12	0	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: AMIS0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	20	0	0.00	8	0	0.00	12	0	0.00						

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

Station Inventory for Station: AMIS0017

NPS Station ID: AMIS0017 LAT/LON: 29.570559/-100.980281 Agency: 21TXWQB Date Created: 07/23/94
Location: AMISTAD RESERVOIR AT NATIONAL PARK BUOY DRN FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 13213 /2305.0350 /2305.3500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13040302 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
AMISTAD RESERVOIR AT NATIONAL PARK BUOY DRN

Parameter Inventory for Station: AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	100	20.	20.199	31.	9.	34.056	5.836	12.05	16.225	26.375	28.43
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/28/78-08/20/85	47	65.3	66.34	85.3	48.2	125.492	11.202	52.7	54.5	76.8	83.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/13/79-08/21/79	3 ##	5.	3.5	5.	0.5	6.75	2.598	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/28/78-03/17/88	13	96.	104.154	192.	48.	1844.308	42.945	52.8	71.	132.	182.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/05/89-07/08/93	8	3.1	3.244	4.	2.75	0.161	0.401	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/04/92-10/13/92	3	349.	320.333	355.	257.	3017.333	54.93	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	95	950.	950.726	1390.	600.	24285.541	155.838	751.2	870.	1032.	1163.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/78-03/17/88	16	1025.	1044.75	1560.	625.	68568.6	261.856	677.5	843.75	1271.75	1469.7
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	99	7.8	7.215	12.5	0.05	8.828	2.971	1.	6.3	9.3	10.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/04/92-10/13/92	3	97.	92.567	97.7	83.	68.763	8.292	**	**	**	**
00400	PH (STANDARD UNITS)	11/28/78-07/08/93	72	8.2	8.128	8.9	7.1	0.119	0.344	7.6	7.925	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	11/28/78-07/08/93	72	8.2	7.979	8.9	7.1	0.141	0.376	7.6	7.925	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/78-07/08/93	72	0.006	0.011	0.079	0.001	0.	0.011	0.003	0.005	0.012	0.025
00403	PH, LAB, STANDARD UNITS SU	11/28/78-03/17/88	17	8.1	8.	8.4	7.	0.125	0.354	7.48	7.75	8.3	8.32
00403	CONVERTED PH, LAB, STANDARD UNITS	11/28/78-03/17/88	17	8.1	7.81	8.4	7.	0.163	0.404	7.48	7.75	8.3	8.32
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/78-03/17/88	17	0.008	0.015	0.1	0.004	0.001	0.023	0.005	0.005	0.018	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/28/78-07/08/93	29	134.	134.793	162.	116.	124.527	11.159	122.	126.	143.	149.
00480	SALINITY - PARTS PER THOUSAND	03/04/92-03/04/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/28/78-07/08/93	28	3.	5.089	22.	0.5	27.038	5.2	1.	2.	5.75	13.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/28/78-07/08/93	26 ##	1.5	2.231	9.	0.5	4.765	2.183	0.5	0.5	3.	5.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/78-07/08/93	30	0.035	0.045	0.23	0.005	0.002	0.045	0.01	0.01	0.07	0.08
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/05/89-07/08/93	6	0.01	0.01	0.02	0.005	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/78-07/08/93	30	0.57	0.557	0.97	0.005	0.054	0.232	0.237	0.375	0.678	0.917
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/86-07/08/93	13	0.4	0.404	0.6	0.2	0.015	0.123	0.22	0.3	0.5	0.56
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/04/92-03/04/92	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/28/78-11/13/84	9	0.02	0.046	0.18	0.015	0.003	0.054	0.015	0.015	0.06	0.18
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/28/78-11/13/84	9 ##	0.015	0.014	0.015	0.005	0.	0.003	0.005	0.015	0.015	0.015
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/78-07/08/93	26	0.02	0.033	0.2	0.005	0.002	0.039	0.005	0.009	0.04	0.063
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/28/78-07/08/93	25 ##	0.005	0.011	0.05	0.	0.	0.013	0.003	0.005	0.01	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/28/78-07/08/93	24	3.	3.304	16.	0.5	8.716	2.952	1.4	2.	3.75	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/78-07/08/93	25	108.	114.72	183.	49.	1514.627	38.918	68.6	81.5	147.5	171.8
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/78-07/08/93	27	197.	193.815	268.	73.	2671.541	51.687	124.2	166.	241.	257.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	20 ##	1.	2.2	5.	0.	3.905	1.976	0.5	0.625	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	20 ##	0.	0.188	0.699	-0.301	0.153	0.391	-0.301	-0.226	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.543								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/28/78-07/08/93	24 ##	1.	1.421	6.	0.5	1.464	1.21	0.5	0.5	2.	2.705

** - Less than 9 observations ## - 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: AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/28/78-07/08/93	24 ##	1.	1.921	18.6	0.	13.508	3.675	0.25	0.5	2.	3.25
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/28/78-11/13/84	7	550.	532.286	668.	382.	8268.571	90.932	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	11/28/78-12/09/87	5	108.	110.	120.	100.	92.	9.592	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	3	0	0.00	1	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	99	14	0.14	41	11	0.27	58	3	0.05						
00400	PH	Other-Hi Lim.	9.	72	0	0.00	28	0	0.00	44	0	0.00						
		Other-Lo Lim.	6.5	72	0	0.00	28	0	0.00	44	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	17	0	0.00	4	0	0.00	13	0	0.00						
		Other-Lo Lim.	6.5	17	0	0.00	4	0	0.00	13	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	3	0	0.00	3	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	30	0	0.00	10	0	0.00	20	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.	25	0	0.00	9	0	0.00	16	0	0.00						
		Drinking Water	250.	25	0	0.00	9	0	0.00	16	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	27	5	0.19	9	2	0.22	18	3	0.17						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	0	0.00	9	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 1978 - Station AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	4	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	4	920.	927.5	970.	900.	891.667	29.861	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	4	8.55	8.6	9.1	8.2	0.14	0.374	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	14	20.5	19.071	27.5	9.	49.225	7.016	9.25	11.25	27.	27.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	14	920.	890.714	1000.	750.	8284.066	91.017	765.	800.	972.5	1000.
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	14	7.9	7.579	10.2	0.4	6.594	2.568	2.95	6.65	9.85	10.2

** - 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 1981 - Station AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	4	18.75	18.875	19.5	18.5	0.229	0.479	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	5	870.	810.	900.	680.	12200.	110.454	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	4	7.3	7.1	7.6	6.2	0.387	0.622	**	**	**	**

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

Annual Analysis for 1982 - Station AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	15	13.	16.933	28.5	11.5	50.531	7.109	11.5	11.5	26.	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	9	1000.	980.	1100.	900.	3575.	59.791	900.	925.	1000.	1100.
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	12	7.85	6.408	9.8	0.05	15.337	3.916	0.05	2.15	9.5	9.71

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	4	20.	20.	20.	20.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	4	1075.	1075.	1100.	1050.	833.333	28.868	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	4	7.75	7.75	8.1	7.4	0.123	0.351	**	**	**	**

** - 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 1985 - Station AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	6	27.25	26.617	29.6	21.8	8.334	2.887	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	6	1096.	1095.833	1160.	1024.	2429.767	49.293	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	7	4.7	4.2	8.4	0.1	15.96	3.995	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	9	20.5	21.1	27.5	14.	28.778	5.364	14.	16.5	27.	27.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	9	1000.	906.111	1150.	600.	36023.611	189.799	600.	715.	1025.	1150.
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	9	7.8	6.578	10.	0.1	12.242	3.499	0.1	4.	9.9	10.

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Annual Analysis for 1987 - Station AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	5	16.7	16.76	16.9	16.6	0.018	0.134	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	5	1214.	1174.2	1295.	1032.	16341.7	127.835	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	4	11.95	11.775	12.5	10.7	0.596	0.772	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	2	27.7	27.7	31.	24.4	21.78	4.667	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	2	1345.	1345.	1390.	1300.	4050.	63.64	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	1	7.8	7.8	7.8	7.8	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 box-and-whisker plot

Annual Analysis for 1989 - Station AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	5	16.	15.9	16.5	14.8	0.42	0.648	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	5	1169.	1145.8	1249.	950.	13049.7	114.235	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	6	9.45	9.533	10.2	9.2	0.127	0.356	**	**	**	**

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

Annual Analysis for 1990 - Station AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	1	28.5	28.5	28.5	28.5	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	1	8.5	8.5	8.5	8.5	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 1991 - Station AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	7	21.1	21.4	27.	14.4	23.113	4.808	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	8	964.	958.75	1096.	770.	9032.214	95.038	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	9	7.2	6.256	10.2	2.4	8.385	2.896	2.4	3.2	8.6	10.2

** - 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 1992 - Station AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	20	22.7	20.95	29.4	12.9	30.75	5.545	13.15	16.	24.075	29.34
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	20	866.	834.2	968.	627.	10654.274	103.22	637.7	761.25	906.75	962.9
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	20	7.2	7.36	9.8	0.4	4.894	2.212	4.96	6.55	9.275	9.79

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Annual Analysis for 1993 - Station AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	4	27.	26.95	27.	26.8	0.01	0.1	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	4	878.	898.75	965.	874.	1954.25	44.207	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	4	7.7	6.2	8.4	1.	12.187	3.491	**	**	**	**

** - 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

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	40	26.75	25.508	29.6	16.5	10.432	3.23	20.5	23.825	27.725	28.89
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/28/78-08/20/85	17	80.6	77.441	85.3	61.7	57.346	7.573	63.86	72.75	83.3	84.26
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/28/78-03/17/88	4	72.	77.5	96.	70.	153.	12.369	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	33	874.	900.515	1300.	600.	30211.758	173.815	631.6	784.5	1037.	1144.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/78-03/17/88	3	825.	840.333	996.	700.	22080.333	148.595	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	41	6.5	5.295	8.5	0.05	9.549	3.09	0.1	1.7	7.75	8.36
00400	PH (STANDARD UNITS)	11/28/78-07/08/93	28	8.2	8.146	8.9	7.1	0.196	0.443	7.49	8.	8.4	8.9
00400	CONVERTED PH (STANDARD UNITS)	11/28/78-07/08/93	28	8.2	7.913	8.9	7.1	0.252	0.502	7.49	8.	8.4	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/78-07/08/93	28	0.006	0.012	0.079	0.001	0.	0.016	0.001	0.004	0.01	0.032
00403	PH, LAB, STANDARD UNITS SU	11/28/78-03/17/88	4	8.25	8.125	8.3	7.7	0.083	0.287	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/28/78-03/17/88	4	8.247	8.042	8.3	7.7	0.092	0.303	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/78-03/17/88	4	0.006	0.009	0.02	0.005	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/28/78-07/08/93	10	127.5	129.4	148.	116.	96.267	9.812	116.2	122.5	135.75	147.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/28/78-07/08/93	9	2.5	3.667	13.	1.	12.938	3.597	1.	2.	3.5	13.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/28/78-07/08/93	10 ##	0.75	1.95	9.	0.5	6.858	2.619	0.5	0.5	2.5	8.35
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/78-07/08/93	11	0.04	0.044	0.08	0.005	0.001	0.03	0.006	0.01	0.08	0.08
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/78-07/08/93	10	0.5	0.477	0.82	0.19	0.032	0.18	0.202	0.34	0.577	0.798
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/78-07/08/93	9	0.04	0.049	0.2	0.005	0.004	0.059	0.005	0.015	0.055	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/28/78-07/08/93	9 ##	0.005	0.013	0.05	0.	0.	0.016	0.	0.005	0.02	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/78-07/08/93	9	97.	110.222	173.	68.	1408.444	37.529	68.	76.5	146.5	173.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/78-07/08/93	9	175.	183.778	255.	73.	3432.194	58.585	73.	155.5	246.	255.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	9 ##	1.	1.611	5.	0.	3.799	1.949	0.	0.5	3.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	9 ##	0.	0.055	0.699	-0.301	0.153	0.391	0.	-0.301	0.349	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.135								

** - Less than 9 observations ## - Computed 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 6/09 - Station AMIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	60	16.65	16.66	31.	9.	18.408	4.29	11.5	13.2	18.925	21.46
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/28/78-08/20/85	30	63.5	60.05	70.7	48.2	54.247	7.365	51.08	52.7	67.325	69.62
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/28/78-03/17/88	9	108.	116.	192.	48.	2196.	46.861	48.	78.	156.	192.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	62	966.5	977.452	1390.	680.	19484.973	139.589	800.9	900.	1035.25	1185.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/78-03/17/88	13	1043.	1091.923	1560.	625.	69173.41	263.008	695.	924.	1338.5	1508.4
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	58	9.2	8.572	12.5	2.4	3.952	1.988	5.6	7.6	9.8	10.2
00400	PH (STANDARD UNITS)	11/28/78-07/08/93	44	8.2	8.116	8.52	7.6	0.072	0.269	7.65	7.9	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	11/28/78-07/08/93	44	8.2	8.026	8.52	7.6	0.081	0.284	7.65	7.9	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/78-07/08/93	44	0.006	0.009	0.025	0.003	0.	0.007	0.004	0.005	0.013	0.023
00403	PH, LAB, STANDARD UNITS SU	11/28/78-03/17/88	13	8.	7.962	8.4	7.	0.139	0.373	7.24	7.75	8.25	8.36
00403	CONVERTED PH, LAB, STANDARD UNITS	11/28/78-03/17/88	13	8.	7.758	8.4	7.	0.184	0.429	7.24	7.75	8.25	8.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/78-03/17/88	13	0.01	0.017	0.1	0.004	0.001	0.026	0.004	0.006	0.018	0.07
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/28/78-07/08/93	19	136.	137.632	162.	122.	120.912	10.996	124.	129.	145.	156.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/28/78-07/08/93	19	4.	5.763	22.	0.5	33.316	5.772	1.	2.	6.	18.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/28/78-07/08/93	16 ##	2.25	2.406	6.	0.5	3.741	1.934	0.5	0.5	4.5	5.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/78-07/08/93	19	0.02	0.045	0.23	0.01	0.003	0.053	0.01	0.01	0.06	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/78-07/08/93	20	0.61	0.597	0.97	0.005	0.062	0.249	0.237	0.475	0.798	0.92
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/78-07/08/93	17	0.02	0.024	0.07	0.005	0.	0.02	0.005	0.005	0.035	0.062
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/28/78-07/08/93	16 ##	0.005	0.009	0.05	0.	0.	0.012	0.004	0.005	0.01	0.029
00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/78-07/08/93	16	114.5	117.25	183.	49.	1653.267	40.66	63.7	80.5	158.	174.6
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/78-07/08/93	18	199.5	198.833	268.	85.	2390.735	48.895	129.1	163.25	238.	265.3
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	11 ##	2.	2.682	5.	0.5	3.814	1.953	0.6	1.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	11 ##	0.301	0.298	0.699	-0.301	0.139	0.373	-0.241	0.	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.984								

** - Less than 9 observations ## - Computed 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: AMIS0018

NPS Station ID: AMIS0018 LAT/LON: 29.533337/-100.983337 Agency: 21TEXWR Date Created: 11/16/78
Location: AMISTAD RESERVOIR AT BUOY DRJ FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): IMS21-4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302 Depth of Water: 999 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040302002 RF1 Mile Point: 25.290 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13040302000507.05 RF3 Mile Point: 7.05 Distance from RF3: 0.38 On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR AT BUOY DRJ

Parameter Inventory for Station: AMIS0018

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)	02/20/74-02/20/74	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	1	440.	440.	440.	440.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	1	48.	48.	48.	48.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	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: AMIS0019

NPS Station ID: AMIS0019 LAT/LON: 29.676392/-101.000005 Agency: 21TEXWR Date Created: 10/06/79
Location: DEVILS RIVER AT PAFFORD CROSSING NEAR COMSTOCK FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 23090100
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13040302 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040302008 RF1 Mile Point: 4.830 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13040212001600.00 RF3 Mile Point: 1.32 Distance from RF3: 0.36 On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/74-05/04/78	25	22.2	21.752	31.	12.8	27.573	5.251	14.24	16.6	25.6	28.54
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	03/27/74-05/04/78	23	74.	72.283	87.8	55.	80.499	8.972	59.12	66.	78.	83.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/74-05/04/78	24	388.5	421.208	1352.	80.	67584.172	259.97	152.	256.	540.25	698.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/27/74-05/04/78	25	5.	5.4	18.	1.	13.083	3.617	2.	2.5	5.	10.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/74-05/04/78	23	350.	338.696	480.	175.	4139.13	64.336	238.	300.	375.	402.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/74-05/04/78	17	372.	388.176	525.	328.	2232.779	47.252	345.6	358.	416.5	457.8
00300	OXYGEN, DISSOLVED MG/L	03/27/74-05/04/78	24	10.	9.638	12.	7.	1.855	1.362	7.55	8.6	10.95	11.
00400	PH (STANDARD UNITS)	03/27/74-05/04/78	24	8.2	8.138	8.8	7.1	0.117	0.342	7.75	7.9	8.3	8.55
00400	CONVERTED PH (STANDARD UNITS)	03/27/74-05/04/78	24	8.2	7.968	8.8	7.1	0.147	0.384	7.75	7.9	8.3	8.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/74-05/04/78	24	0.006	0.011	0.079	0.002	0.	0.015	0.003	0.005	0.013	0.018
00403	PH, LAB, STANDARD UNITS SU	03/27/74-05/04/78	17	8.2	8.206	8.5	8.	0.022	0.148	8.	8.1	8.3	8.42
00403	CONVERTED PH, LAB, STANDARD UNITS	03/27/74-05/04/78	17	8.2	8.183	8.5	8.	0.022	0.15	8.	8.1	8.3	8.42
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/74-05/04/78	17	0.006	0.007	0.01	0.003	0.	0.002	0.004	0.005	0.008	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/09/76-05/04/78	7	179.	175.714	189.	156.	131.905	11.485	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/74-05/04/78	17	10.	11.235	40.	1.	109.316	10.455	1.8	5.5	10.	36.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/27/74-05/04/78	17	10.	8.353	25.	1.	31.243	5.59	1.	4.5	10.	13.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/74-05/04/78	17	0.1	0.069	0.1	0.005	0.002	0.04	0.009	0.02	0.1	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/27/74-05/04/78	17	1.9	21.253	219.	0.52	3376.219	58.105	0.888	1.3	2.35	137.4
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/27/74-05/04/78	15	0.06	0.115	0.38	0.03	0.014	0.12	0.03	0.03	0.15	0.374
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/27/74-05/04/78	15	0.03	0.051	0.31	0.03	0.005	0.072	0.03	0.03	0.03	0.166
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/74-05/04/78	17	0.01	0.033	0.124	0.01	0.001	0.038	0.01	0.01	0.043	0.121
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/27/74-05/04/78	17	0.01	0.014	0.1	0.005	0.001	0.023	0.005	0.005	0.01	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-02/07/78	10	4.	3.85	8.	0.5	7.114	2.667	0.55	1.	5.75	8.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/27/74-05/04/78	17	14.	18.529	79.	9.	280.14	16.737	9.8	12.	15.5	45.4
00945	SULFATE, TOTAL (MG/L AS SO4)	03/27/74-05/04/78	17	8.	7.941	13.	3.	7.059	2.657	3.8	6.	9.5	11.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/10/74-07/10/74	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.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-05/04/78	13	2.	3.846	19.	1.	22.808	4.776	1.	2.	4.	13.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-05/04/78	13	0.301	0.424	1.279	0.	0.116	0.34	0.	0.301	0.588	1.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.657								
32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	11/09/76-05/04/78	7	## 0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	03/27/74-05/04/78	17	0.004	0.003	0.004	0.002	0.	0.001	0.002	0.002	0.004	0.004
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	03/27/74-05/04/78	21	170.	167.	240.	88.	1053.1	32.452	112.	147.5	186.5	194.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-05/04/78	4	246.5	253.25	304.	216.	1352.917	36.782	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	25	0	0.00	8	0	0.00	17	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	24	0	0.00	8	0	0.00	16	0	0.00						
00400	PH	Other-Hi Lim.	9.	24	0	0.00	7	0	0.00	17	0	0.00						
		Other-Lo Lim.	6.5	24	0	0.00	7	0	0.00	17	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	17	0	0.00	4	0	0.00	13	0	0.00						
		Other-Lo Lim.	6.5	17	0	0.00	4	0	0.00	13	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	17	2	0.12	4	0	0.00	13	2	0.15						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	17	0	0.00	4	0	0.00	13	0	0.00						
		Drinking Water	250.	17	0	0.00	4	0	0.00	13	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	17	0	0.00	4	0	0.00	13	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	0	0.00	3	0	0.00	10	0	0.00						

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

Station Inventory for Station: AMIS0020

NPS Station ID: AMIS0020
LAT/LON: 29.677781/-101.000005
Agency: 21TEXWR
Date Created: 11/16/78
Location: DEVILS RIVER - BAKER RANCH
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): IMS21-15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13040302
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13040302008
RF1 Mile Point: 5.220
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13070008000108.87
RF3 Mile Point: 12.79
Distance from RF3: 0.18
On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM DEVILS RIVER ABOVE IMPOUNDED WATER AT BAKER RANCH

Parameter Inventory for Station: AMIS0020

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: AMIS0021

NPS Station ID: AMIS0021 LAT/LON: 29.676392/-101.000005 Agency: 112WRD Date Created: / /
Location: DEVILS R AT PAFFORD CROSSING NR COMSTOCK TX FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 08449400
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13040302 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 13040302 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/67-01/27/93	92	20.25	20.09	29.	8.	34.446	5.869	12.	15.125	25.5	27.
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/82-01/27/93	50	735.	736.8	754.	728.	34.245	5.852	730.	732.	740.	745.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/17/78-01/27/93	84	292.5	306.286	768.	141.	11251.893	106.075	183.	225.	364.25	457.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/17/78-08/08/78	6	1.5	7.667	35.	0.	185.467	13.619	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/24/78-01/27/93	76	1.35	15.075	920.	0.1	11097.127	105.343	0.37	0.525	2.925	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/67-01/27/93	92	383.	382.837	460.	246.	984.402	31.375	342.3	363.25	400.	420.
00300	OXYGEN, DISSOLVED MG/L	01/17/78-01/27/93	84	10.1	10.158	13.1	7.6	0.996	0.998	9.	9.7	10.6	11.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/17/78-02/01/83	37	107.	109.243	137.	89.	155.578	12.473	93.	100.5	119.5	128.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/78-01/27/93	83	1.	1.039	6.	0.	0.616	0.785	0.3	0.5	1.4	1.7
00400	PH (STANDARD UNITS)	01/10/67-01/27/93	92	7.8	7.832	8.4	7.	0.115	0.338	7.36	7.6	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/10/67-01/27/93	92	7.8	7.695	8.4	7.	0.134	0.365	7.36	7.6	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/67-01/27/93	92	0.016	0.02	0.1	0.004	0.	0.019	0.005	0.008	0.025	0.045
00403	PH, LAB, STANDARD UNITS SU	01/13/81-01/27/93	60	8.1	8.13	8.4	7.9	0.019	0.139	8.	8.	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/13/81-01/27/93	60	8.1	8.109	8.4	7.9	0.02	0.141	8.	8.	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/81-01/27/93	60	0.008	0.008	0.013	0.004	0.	0.002	0.005	0.006	0.01	0.01
00405	CARBON DIOXIDE (MG/L AS CO2)	01/17/78-09/09/80	24	5.45	10.125	37.	2.6	99.405	9.97	2.75	4.125	12.7	31.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/67-05/21/91	83	170.	163.145	197.	0.	1213.906	34.841	150.	160.	180.	189.
00440	BICARBONATE ION (MG/L AS HCO3)	01/10/67-11/06/90	51	210.	208.078	240.	130.	326.914	18.081	186.8	200.	220.	230.
00445	CARBONATE ION (MG/L AS CO3)	01/10/67-11/06/90	51	0.	0.314	10.	0.	2.62	1.619	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	01/06/87-11/17/87	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	01/06/87-11/17/87	4	213.5	211.5	224.	195.	173.667	13.178	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/17/87-01/27/93	22	0.	1.091	10.	0.	8.277	2.877	0.	0.	0.	7.4
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/17/87-01/27/93	22	211.	211.545	235.	181.	179.784	13.408	197.3	201.5	222.5	232.1
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	05/02/78-08/12/80	4	7.53	7.62	14.	1.42	44.206	6.649	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	05/02/78-08/12/80	4	7.76	7.843	14.2	1.65	44.565	6.676	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	01/17/78-09/08/81	28	2.3	2.35	3.6	1.2	0.202	0.449	1.88	2.1	2.5	3.01
00602	NITROGEN, DISSOLVED (MG/L AS N)	11/13/79-09/08/81	14	2.	2.121	2.9	1.7	0.114	0.338	1.75	1.9	2.35	2.75
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/17/78-09/08/81	28	0.53	0.583	1.9	0.	0.146	0.382	0.233	0.308	0.74	1.11
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/13/79-09/08/81	14	0.535	0.541	1.1	0.2	0.059	0.244	0.24	0.323	0.715	0.94
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/13/79-01/27/93	71	0.03	0.04	0.14	0.	0.001	0.032	0.005	0.02	0.05	0.088
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/17/78-12/01/92	58	0.02	0.027	0.08	0.005	0.	0.02	0.005	0.01	0.04	0.06
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/10/85-01/27/93	32	0.01	0.012	0.03	0.005	0.	0.007	0.005	0.005	0.02	0.02
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/17/78-12/01/92	23	0.01	0.017	0.06	0.005	0.	0.013	0.005	0.01	0.02	0.036
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/17/78-10/09/79	14	1.8	1.793	2.2	0.7	0.151	0.389	1.1	1.675	2.1	2.2
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/17/78-08/22/91	29	0.41	0.473	1.4	0.05	0.091	0.302	0.17	0.22	0.62	0.82
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	02/27/79-09/08/81	18	0.17	0.165	0.61	0.	0.024	0.154	0.	0.02	0.253	0.358
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-01/27/93	83	0.4	0.509	1.9	0.05	0.115	0.339	0.1	0.3	0.7	0.906
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-12/01/92	37	1.7	1.668	2.3	0.71	0.127	0.356	1.2	1.4	2.	2.12

** - 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

Parameter Inventory for Station: AMIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/13/79-01/27/93	71	1.5	1.473	3.9	0.1	0.199	0.447	1.1	1.2	1.7	1.88
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/17/79-04/17/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/01/81-02/01/83	6	0.06	0.06	0.12	0.03	0.001	0.033	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-01/27/93	84	0.01	0.016	0.28	0.	0.001	0.032	0.005	0.005	0.01	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/17/78-01/27/93	84 ##	0.005	0.01	0.07	0.	0.	0.01	0.005	0.005	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/08/81-01/27/93	57 ##	0.005	0.01	0.04	0.001	0.	0.009	0.005	0.005	0.01	0.022
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/17/78-09/08/81	16	2.5	3.813	16.	0.2	16.16	4.02	0.48	1.175	4.475	11.1
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/14/78-05/05/81	9	2.7	2.778	6.6	1.4	2.529	1.59	1.4	1.55	3.1	6.6
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	02/14/78-05/05/81	7	0.4	0.529	1.3	0.	0.192	0.439	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/10/67-02/01/83	44	190.	183.727	210.	120.	289.691	17.02	164.5	170.	199.	200.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/10/67-02/01/83	44	14.	14.568	33.	0.	75.367	8.681	3.	8.25	21.75	27.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/10/67-01/27/93	91	53.	52.484	63.	38.	27.075	5.203	45.2	49.	56.	59.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/10/67-01/27/93	91	14.	13.4	15.	5.9	1.634	1.278	12.2	13.	14.	14.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/10/67-01/27/93	91	8.2	8.127	9.9	3.3	0.688	0.829	7.4	7.8	8.6	8.8
00931	SODIUM ADSORPTION RATIO	01/10/67-02/01/83	43	0.3	0.267	0.3	0.1	0.003	0.052	0.2	0.2	0.3	0.3
00932	SODIUM, PERCENT	01/10/67-02/01/83	43	8.	8.535	12.	6.	1.445	1.202	7.	8.	9.	10.
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/11/79-03/11/80	7	10.	10.443	13.	9.6	1.486	1.219	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/10/67-01/27/93	89	1.3	1.401	4.2	1.	0.113	0.336	1.2	1.3	1.5	1.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/10/67-01/27/93	92	14.	14.533	26.	7.	8.142	2.853	11.	13.	16.	17.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/10/67-01/27/93	91	9.	9.055	15.	5.	3.097	1.76	8.	8.	10.	11.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/10/67-01/27/93	91	0.3	0.319	1.	0.1	0.011	0.105	0.292	0.3	0.3	0.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/10/67-01/27/93	91	14.	13.853	16.	7.9	2.497	1.58	12.	13.	15.	16.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/14/78-08/22/91	48	1.	0.948	2.	0.5	0.12	0.346	0.5	1.	1.	1.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	02/14/78-08/03/82	11	0.	0.273	1.	0.	0.218	0.467	0.	0.	1.	1.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/14/78-08/03/82	13	1.	1.231	2.	1.	0.192	0.439	1.	1.	1.5	2.
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/14/78-01/27/93	54	110.	111.259	270.	50.	1099.215	33.154	99.	100.	110.	120.
01006	BARIUM, SUSPENDED (UG/L AS BA)	02/14/78-08/03/82	13	0.	68.462	200.	0.	7264.103	85.23	0.	0.	150.	200.
01007	BARIUM, TOTAL (UG/L AS BA)	02/14/78-08/03/82	13	200.	176.923	300.	50.	9839.744	99.195	50.	100.	300.	300.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/26/82-08/22/91	35 ##	0.25	0.466	2.6	0.25	0.321	0.566	0.25	0.25	0.25	1.4
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/14/78-08/22/91	48 ##	0.5	0.698	4.	0.	0.37	0.608	0.5	0.5	0.5	1.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	02/14/78-10/08/81	8	0.	0.125	1.	0.	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/14/78-08/03/82	13 ##	0.5	0.5	1.	0.	0.208	0.456	0.	0.	1.	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/14/78-08/22/91	48 ##	0.5	1.115	20.	0.	8.811	2.968	0.	0.5	0.5	2.05
01031	CHROMIUM, SUSPEND (UG/L AS CR)	02/14/78-06/08/82	11	10.	6.364	20.	0.	45.455	6.742	0.	0.	10.	18.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/14/78-08/03/82	13	5.	7.692	30.	0.	81.731	9.041	0.	0.	10.	26.
01035	COBALT, DISSOLVED (UG/L AS CO)	02/14/78-01/27/93	54 ##	1.5	1.37	1.5	0.	0.153	0.391	0.75	1.5	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	02/14/78-02/05/80	6	0.	0.667	2.	0.	1.067	1.033	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	02/14/78-08/03/82	13	0.5	0.808	4.	0.	1.439	1.2	0.	0.	1.5	3.2
01040	COPPER, DISSOLVED (UG/L AS CU)	02/14/78-08/22/91	48	0.75	1.031	5.	0.	1.196	1.094	0.	0.5	1.	2.1
01041	COPPER, SUSPENDED (UG/L AS CU)	02/14/78-08/03/82	13	3.	2.923	6.	0.	6.077	2.465	0.	0.5	6.	6.
01042	COPPER, TOTAL (UG/L AS CU)	02/14/78-08/03/82	13	3.	3.538	7.	0.	4.936	2.222	0.4	1.5	6.	6.6
01044	IRON, SUSPENDED (UG/L AS FE)	08/08/78-08/03/82	9	60.	84.444	190.	20.	4177.778	64.636	20.	40.	150.	190.
01045	IRON, TOTAL (UG/L AS FE)	02/14/78-08/03/82	13	70.	175.769	1300.	5.	118049.359	343.583	11.	40.	160.	864.
01046	IRON, DISSOLVED (UG/L AS FE)	02/14/78-01/27/93	55	5.	7.482	66.	1.5	91.416	9.561	1.5	3.	8.	14.4
01049	LEAD, DISSOLVED (UG/L AS PB)	02/14/78-08/22/91	48 ##	1.	1.875	10.	0.	4.367	2.09	0.	0.5	2.5	5.1
01050	LEAD, SUSPENDED (UG/L AS PB)	02/14/78-02/02/82	11	2.	2.545	8.	0.	6.473	2.544	0.	0.	3.	7.6
01051	LEAD, TOTAL (UG/L AS PB)	02/14/78-08/03/82	13	3.	2.808	8.	0.	4.647	2.156	0.2	1.5	3.	7.2
01054	MANGANESE, SUSPENDED (UG/L AS MN)	02/14/78-08/03/82	10	9.	11.4	30.	0.	87.822	9.371	0.	6.	20.	29.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/14/78-08/03/82	13	10.	11.538	30.	0.	59.936	7.742	2.	7.5	15.	26.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/14/78-01/27/93	55 ##	1.	1.445	5.	0.5	1.849	1.36	0.5	0.5	2.	3.4
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/26/82-01/27/93	41 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/05/80-01/27/93	49 ##	0.5	1.286	6.	0.	1.917	1.384	0.5	0.5	2.	3.
01066	NICKEL, SUSPENDED (UG/L AS NI)	02/05/80-02/02/82	6	0.5	1.167	5.	0.	3.767	1.941	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/05/80-08/03/82	8	2.	4.	19.	0.	39.429	6.279	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	02/14/78-01/27/93	54 ##	0.5	0.435	1.	0.	0.057	0.239	0.	0.5	0.5	0.5
01076	SILVER, SUSPENDED (UG/L AS AG)	02/14/78-10/08/81	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
01077	SILVER, TOTAL (UG/L AS AG)	02/14/78-08/03/82	17	0.	0.235	2.	0.	0.285	0.534	0.	0.	0.25	1.2
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/26/82-01/27/93	41	490.	484.878	550.	420.	915.61	30.259	450.	460.	505.	528.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/26/82-01/27/93	41	8.	8.488	11.	7.	0.706	0.84	7.2	8.	9.	9.
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/14/78-08/22/91	48	7.5	15.365	160.	0.	644.231	25.382	1.5	3.	18.75	40.3
01091	ZINC, SUSPENDED (UG/L ZN)	02/14/78-08/03/82	13	10.	15.692	80.	0.	416.397	20.406	0.	7.	20.	56.
01092	ZINC, TOTAL (UG/L AS ZN)	02/14/78-08/03/82	13	40.	45.385	120.	0.	1510.256	38.862	4.	15.	65.	120.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/26/82-01/27/93	41 ##	5.	6.951	30.	5.	26.098	5.109	5.	5.	5.	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 time series plot

Parameter Inventory for Station: AMIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/26/82-01/27/93	41	9.	9.366	24.	2.	15.688	3.961	5.2	7.	10.5	14.6
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/14/78-01/27/93	54 ##	0.5	0.509	1.	0.	0.061	0.247	0.	0.5	0.5	1.
01146	SELENIUM, SUSPENDED (UG/L AS SE)	02/14/78-10/08/81	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
01147	SELENIUM, TOTAL (UG/L AS SE)	02/14/78-08/03/82	13	0.5	0.423	1.	0.	0.16	0.4	0.	0.	0.75	1.
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	11/18/86-08/26/92	12	1.9	1.892	2.7	0.8	0.284	0.533	0.92	1.725	2.375	2.64
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	11/18/86-08/26/92	12 ##	0.3	0.3	0.6	0.2	0.011	0.104	0.2	0.225	0.3	0.51
04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	08/26/92-08/26/92	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
04127	ALPHA, SUSPENDED, DRY WEIGHT,SED (AS TH-230) PCI/L	08/26/92-08/26/92	1 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
09511	RADIUM 226, DISSOLVED, RADON METHOD	11/18/86-08/26/92	12	0.19	0.175	0.24	0.085	0.002	0.05	0.087	0.153	0.2	0.24
22703	URANIUM, NATURAL, DISSOLVED	01/19/88-08/26/92	10	0.97	0.871	1.2	0.005	0.123	0.351	0.06	0.813	1.1	1.19
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/17/78-08/08/78	6	9.	1016.833	5600.	1.	5077373.767	2253.303	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/17/78-08/08/78	6	0.952	1.439	3.748	0.	2.144	1.464	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27.474								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/17/78-01/27/93	84	14.	72.435	3900.	0.	184101.438	429.07	1.	3.	23.75	33.5
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	01/17/78-01/27/93	84	1.146	0.968	3.591	-0.301	0.504	0.71	0.	0.477	1.376	1.525
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			9.298								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/17/78-01/27/93	84	15.5	152.089	10000.	0.5	1191110.218	1091.38	1.5	6.	27.75	56.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/17/78-01/27/93	84	1.19	1.123	4.	-0.301	0.443	0.665	0.151	0.778	1.443	1.738
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			13.265								
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	05/22/90-02/05/91	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/07/89-01/27/93	14	173.	175.929	193.	163.	111.456	10.557	163.5	167.	188.25	192.
60050	ALGAE, TOTAL (CELLS/ML)	03/21/78-09/08/81	12	1350.	1582.5	4500.	260.	1776856.818	1332.988	263.	412.5	2425.	4110.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/10/67-01/27/93	86	210.	211.174	328.	152.	481.51	21.943	192.7	199.75	218.	231.3
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/14/67-04/05/83	39	220.	218.41	248.	134.	362.827	19.048	201.	209.	231.	241.
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/17/78-02/01/83	36	173.	186.444	473.	127.	3799.397	61.639	136.7	148.	201.	235.1
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/10/67-02/01/83	43	0.29	0.287	0.37	0.21	0.001	0.023	0.26	0.28	0.3	0.31
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/17/78-08/26/92	81	85.	79.679	100.	16.	378.596	19.458	52.2	71.5	94.	98.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/90-12/01/92	9 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.02
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	12/11/79-08/12/80	3	556.	953.	2000.	303.	838159.	915.51	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	05/02/78-08/12/80	4	0.29	0.32	0.7	0.	0.112	0.335	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	05/02/78-08/12/80	4	0.	0.015	0.06	0.	0.001	0.03	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/17/79-01/13/81	14	0.045	0.046	0.1	0.01	0.001	0.03	0.01	0.02	0.07	0.1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/13/79-02/01/83	23	0.08	0.071	0.18	0.	0.002	0.045	0.004	0.04	0.1	0.13
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/10/67-01/10/68	7	6.9	6.9	10.	4.8	2.703	1.644	**	**	**	**
71870	BROMIDE (MG/L AS BR)	06/10/92-06/10/92	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/17/79-04/03/84	29	0.03	0.087	0.86	0.	0.025	0.158	0.	0.03	0.105	0.18
71887	NITROGEN, TOTAL, AS NO3 - MG/L	01/17/78-09/08/81	28	10.	10.425	16.	5.4	4.115	2.029	8.38	9.3	11.	13.1
71890	MERCURY, DISSOLVED (UG/L AS HG)	02/14/78-08/22/91	48 ##	0.05	0.167	5.	0.	0.51	0.714	0.05	0.05	0.05	0.1
71895	MERCURY, SUSPENDED (UG/L AS HG)	02/14/78-10/08/81	10	0.1	0.1	0.3	0.	0.011	0.105	0.	0.	0.2	0.29
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/78-08/03/82	13	0.2	0.185	0.4	0.05	0.013	0.113	0.05	0.1	0.2	0.4
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	02/07/89-08/26/92	8	1.21	1.24	1.5	0.9	0.063	0.25	**	**	**	**
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	02/07/89-08/26/92	8	1.25	1.225	1.9	0.3	0.262	0.512	**	**	**	**
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	02/07/89-08/26/92	8	0.6	0.595	0.66	0.5	0.002	0.044	**	**	**	**
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	02/07/89-08/26/92	8	0.85	0.84	1.02	0.6	0.021	0.144	**	**	**	**
75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	01/30/90-08/26/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	01/30/90-08/26/92	6	0.04	0.038	0.04	0.03	0.	0.004	**	**	**	**
76004	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,WTR PC/L	02/07/89-08/26/92	8	0.2	0.188	0.5	0.	0.021	0.146	**	**	**	**
76005	BETA GROSS,SUSP,1 SIGMA PRC EST AS SR90/Y90 PC/L	02/07/89-08/26/92	8	0.5	0.459	0.5	0.3	0.005	0.073	**	**	**	**
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	11/18/86-05/12/87	2	0.87	0.87	0.92	0.82	0.005	0.071	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	11/18/86-08/26/92	12	1.7	1.592	2.8	0.2	0.408	0.639	0.38	1.375	1.925	2.56
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	11/18/86-08/26/92	12 ##	0.3	0.267	0.3	0.2	0.002	0.049	0.2	0.2	0.3	0.3
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	11/18/86-08/26/92	12	1.4	1.383	2.	0.3	0.202	0.449	0.51	1.225	1.725	1.97
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	11/18/86-08/26/92	12 ##	0.3	0.3	0.6	0.2	0.011	0.104	0.2	0.225	0.3	0.51
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/17/78-08/26/92	81	12.	14.568	55.	2.	127.523	11.293	4.	6.	17.5	27.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/17/78-08/03/82	34	9.85	16.047	114.	3.4	431.14	20.764	4.3	5.675	18.25	33.5
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/13/81-05/05/81	3	1.	1.1	1.3	1.	0.03	0.173	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: AMIS0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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	0	0.00	1	0	0.00	5	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	76	1	0.01	24	1	0.04	52	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	84	0	0.00	26	0	0.00	58	0	0.00						
00400	PH	Other-Hi Lim.	9.	92	0	0.00	28	0	0.00	64	0	0.00						
		Other-Lo Lim.	6.5	92	0	0.00	28	0	0.00	64	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	60	0	0.00	20	0	0.00	40	0	0.00						
		Other-Lo Lim.	6.5	60	0	0.00	20	0	0.00	40	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	32	0	0.00	10	0	0.00	22	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	23	0	0.00	7	0	0.00	16	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	4	0	0.00	10	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	37	0	0.00	11	0	0.00	26	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	71	0	0.00	23	0	0.00	48	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	92	0	0.00	29	0	0.00	63	0	0.00						
		Drinking Water	250.	92	0	0.00	29	0	0.00	63	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	91	0	0.00	29	0	0.00	62	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	91	0	0.00	29	0	0.00	62	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	48	0	0.00	19	0	0.00	29	0	0.00						
		Drinking Water	50.	48	0	0.00	19	0	0.00	29	0	0.00						
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	11	0	0.00	5	0	0.00	6	0	0.00						
		Drinking Water	50.	11	0	0.00	5	0	0.00	6	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	13	0	0.00	6	0	0.00	7	0	0.00						
		Drinking Water	50.	13	0	0.00	6	0	0.00	7	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	54	0	0.00	21	0	0.00	33	0	0.00						
01006	BARIUM, SUSPENDED	Drinking Water	2000.	13	0	0.00	6	0	0.00	7	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	13	0	0.00	6	0	0.00	7	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	35	0	0.00	13	0	0.00	22	0	0.00						
		Drinking Water	4.	35	0	0.00	13	0	0.00	22	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	48	1	0.02	19	0	0.00	29	1	0.03						
		Drinking Water	5.	48	0	0.00	19	0	0.00	29	0	0.00						
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	8	0	0.00	5	0	0.00	3	0	0.00						
		Drinking Water	5.	8	0	0.00	5	0	0.00	3	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	13	0	0.00	6	0	0.00	7	0	0.00						
		Drinking Water	5.	13	0	0.00	6	0	0.00	7	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	48	0	0.00	19	0	0.00	29	0	0.00						
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	11	0	0.00	5	0	0.00	6	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	13	0	0.00	6	0	0.00	7	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	48	0	0.00	19	0	0.00	29	0	0.00						
		Drinking Water	1300.	48	0	0.00	19	0	0.00	29	0	0.00						
01041	COPPER, SUSPENDED	Fresh Acute	18.	13	0	0.00	6	0	0.00	7	0	0.00						
		Drinking Water	1300.	13	0	0.00	6	0	0.00	7	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	13	0	0.00	6	0	0.00	7	0	0.00						
		Drinking Water	1300.	13	0	0.00	6	0	0.00	7	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	48	0	0.00	19	0	0.00	29	0	0.00						
		Drinking Water	15.	48	0	0.00	19	0	0.00	29	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	11	0	0.00	5	0	0.00	6	0	0.00						
		Drinking Water	15.	11	0	0.00	5	0	0.00	6	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	13	0	0.00	6	0	0.00	7	0	0.00						
		Drinking Water	15.	13	0	0.00	6	0	0.00	7	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	49	0	0.00	18	0	0.00	31	0	0.00						
		Drinking Water	100.	49	0	0.00	18	0	0.00	31	0	0.00						
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	6	0	0.00	2	0	0.00	4	0	0.00						
		Drinking Water	100.	6	0	0.00	2	0	0.00	4	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	8	0	0.00	3	0	0.00	5	0	0.00						
		Drinking Water	100.	8	0	0.00	3	0	0.00	5	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	54	0	0.00	21	0	0.00	33	0	0.00						
		Drinking Water	100.	54	0	0.00	21	0	0.00	33	0	0.00						
01076	SILVER, SUSPENDED	Fresh Acute	4.1	10	0	0.00	5	0	0.00	5	0	0.00						
		Drinking Water	100.	10	0	0.00	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

EPA Water Quality Criteria Analysis for Station: AMIS0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	17	0	0.00	8	0	0.00	9	0	0.00						
		Drinking Water	100.	17	0	0.00	8	0	0.00	9	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	48	1	0.02	19	0	0.00	29	1	0.03						
		Drinking Water	5000.	48	0	0.00	19	0	0.00	29	0	0.00						
01091	ZINC, SUSPENDED	Fresh Acute	120.	13	0	0.00	6	0	0.00	7	0	0.00						
		Drinking Water	5000.	13	0	0.00	6	0	0.00	7	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	13	2	0.15	6	1	0.17	7	1	0.14						
		Drinking Water	5000.	13	0	0.00	6	0	0.00	7	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	54	0	0.00	21	0	0.00	33	0	0.00						
		Drinking Water	50.	54	0	0.00	21	0	0.00	33	0	0.00						
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	10	0	0.00	5	0	0.00	5	0	0.00						
		Drinking Water	50.	10	0	0.00	5	0	0.00	5	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	13	0	0.00	6	0	0.00	7	0	0.00						
		Drinking Water	50.	13	0	0.00	6	0	0.00	7	0	0.00						
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	10	0	0.00	5	0	0.00	5	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	1	0.17	1	0	0.00	5	1	0.20						
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	84	3	0.04	26	1	0.04	58	2	0.03						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	2	0	0.00	5	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	47 &	0	0.00	19	0	0.00	28	0	0.00						
		Drinking Water	2.	47 &	0	0.00	19	0	0.00	28	0	0.00						
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	10	0	0.00	5	0	0.00	5	0	0.00						
		Drinking Water	2.	10	0	0.00	5	0	0.00	5	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	13	0	0.00	6	0	0.00	7	0	0.00						
		Drinking Water	2.	13	0	0.00	6	0	0.00	7	0	0.00						
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	2	0	0.00				2	0	0.00						

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

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/67-01/27/93	28	26.5	25.45	29.	17.	9.275	3.046	19.9	24.125	27.	29.
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/82-01/27/93	16	735.	736.438	750.	728.	36.929	6.077	729.4	732.5	738.	750.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/17/78-01/27/93	26	288.	308.769	768.	141.	16784.185	129.554	183.3	219.	372.75	474.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/24/78-01/27/93	24	1.8	41.871	920.	0.3	35027.728	187.157	0.45	1.225	3.65	21.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/67-01/27/93	28	367.5	365.964	400.	300.	501.221	22.388	338.4	355.5	380.	391.9
00300	OXYGEN, DISSOLVED MG/L	01/17/78-01/27/93	26	9.8	9.681	12.	7.6	0.854	0.924	8.34	9.275	10.025	10.63
00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/78-01/27/93	25	0.8	0.928	1.8	0.	0.219	0.468	0.22	0.7	1.3	1.64
00400p	PH (STANDARD UNITS)	01/10/67-01/27/93	28	7.75	7.789	8.3	7.	0.102	0.32	7.3	7.6	8.075	8.2
00400p	CONVERTED PH (STANDARD UNITS)	01/10/67-01/27/93	28	7.747	7.668	8.3	7.	0.118	0.343	7.3	7.6	8.075	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/67-01/27/93	28	0.018	0.021	0.1	0.005	0.	0.019	0.006	0.008	0.025	0.05
00403	PH, LAB, STANDARD UNITS SU	01/13/81-01/27/93	20	8.1	8.145	8.4	7.9	0.027	0.164	7.91	8.	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/13/81-01/27/93	20	8.1	8.117	8.4	7.9	0.028	0.166	7.91	8.	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/81-01/27/93	20	0.008	0.008	0.013	0.004	0.	0.003	0.004	0.005	0.01	0.012
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/67-05/21/91	24	161.5	161.542	180.	140.	107.389	10.363	142.5	158.25	170.	173.
00440p	BICARBONATE ION (MG/L AS HCO3)	01/10/67-11/06/90	14	200.	199.	210.	177.	69.692	8.348	183.5	195.	202.75	210.
00445p	CARBONATE ION (MG/L AS CO3)	01/10/67-11/06/90	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/13/79-01/27/93	23	0.03	0.045	0.14	0.005	0.001	0.034	0.014	0.02	0.06	0.106
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/17/78-12/01/92	17	0.02	0.031	0.08	0.005	0.	0.021	0.009	0.02	0.05	0.064
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/10/85-01/27/93	10	0.01	0.012	0.02	0.005	0.	0.006	0.005	0.005	0.02	0.02
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/17/78-12/01/92	7	0.02	0.024	0.06	0.01	0.	0.019	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/17/78-08/22/91	9	0.54	0.629	1.4	0.2	0.157	0.396	0.2	0.32	0.925	1.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-01/27/93	25	0.5	0.622	1.9	0.1	0.2	0.447	0.1	0.335	0.9	1.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-12/01/92	11	1.5	1.509	1.9	1.2	0.061	0.247	1.2	1.3	1.7	1.88
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/13/79-01/27/93	23	1.3	1.261	1.8	0.1	0.112	0.334	1.	1.1	1.5	1.66
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-01/27/93	26	0.01	0.024	0.28	0.	0.003	0.054	0.004	0.005	0.03	0.046
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/17/78-01/27/93	26 ##	0.005	0.008	0.03	0.	0.	0.006	0.005	0.005	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/08/81-01/27/93	19 ##	0.005	0.007	0.02	0.001	0.	0.005	0.005	0.005	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/10/67-02/01/83	13	170.	175.846	190.	157.	100.474	10.024	162.2	170.	185.	190.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/10/67-02/01/83	13	12.	13.462	28.	1.	84.103	9.171	1.8	4.5	22.	26.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/10/67-01/27/93	29	49.	49.345	57.	40.	15.448	3.93	44.	46.5	52.5	54.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/10/67-01/27/93	29	13.	13.241	15.	12.	0.618	0.786	12.	13.	14.	14.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/10/67-01/27/93	29	8.1	8.055	9.1	6.7	0.278	0.528	7.4	7.75	8.5	8.8
00931	SODIUM ADSORPTION RATIO	01/10/67-02/01/83	13	0.3	0.292	0.3	0.2	0.001	0.028	0.24	0.3	0.3	0.3
00932	SODIUM, PERCENT	01/10/67-02/01/83	13	9.	8.846	10.	7.	0.641	0.801	7.4	8.5	9.	10.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	01/10/67-01/27/93	29	1.4	1.4	1.7	1.3	0.011	0.104	1.3	1.3	1.5	1.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/10/67-01/27/93	29	15.	14.414	21.	10.	6.466	2.543	11.	12.5	16.	18.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/10/67-01/27/93	29	8.	8.862	14.	5.	4.195	2.048	7.	8.	9.	14.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/10/67-01/27/93	29	0.3	0.338	1.	0.2	0.022	0.147	0.2	0.3	0.3	0.4
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/10/67-01/27/93	29	15.	15.	16.	13.	0.929	0.964	14.	14.	16.	16.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/14/78-08/22/91	19	1.	1.	2.	0.5	0.167	0.408	0.5	1.	1.	2.
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/14/78-01/27/93	21	110.	108.095	200.	50.	826.19	28.744	60.	100.	115.	128.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/26/82-08/22/91	13 ##	0.25	0.481	2.	0.25	0.255	0.505	0.25	0.25	0.5	1.6
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/14/78-08/22/91	19 ##	0.5	0.579	1.	0.	0.063	0.251	0.5	0.5	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/14/78-08/22/91	19 ##	0.5	0.789	5.	0.	1.37	1.17	0.	0.	0.5	2.
01035	COBALT, DISSOLVED (UG/L AS CO)	02/14/78-01/27/93	21 ##	1.5	1.357	1.5	0.	0.154	0.392	0.6	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	02/14/78-08/22/91	19	0.5	0.737	3.	0.	0.566	0.752	0.	0.	1.	2.
01046	IRON, DISSOLVED (UG/L AS FE)	02/14/78-01/27/93	22	5.	5.545	14.	1.5	10.688	3.269	1.5	3.	7.	11.1
01049	LEAD, DISSOLVED (UG/L AS PB)	02/14/78-08/22/91	19 ##	1.	1.658	6.	0.	2.613	1.616	0.	0.5	2.5	4.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/14/78-01/27/93	22 ##	1.	1.455	5.	0.5	1.665	1.29	0.5	0.5	3.	3.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/26/82-01/27/93	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/05/80-01/27/93	18 ##	0.5	1.056	3.	0.	1.085	1.042	0.	0.5	2.	3.
01075	SILVER, DISSOLVED (UG/L AS AG)	02/14/78-01/27/93	21 ##	0.5	0.405	1.	0.	0.065	0.256	0.	0.25	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/26/82-01/27/93	15	460.	471.333	530.	430.	712.381	26.69	442.	450.	490.	518.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/26/82-01/27/93	15	8.	8.533	10.	8.	0.41	0.64	8.	8.	9.	9.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/14/78-08/22/91	19	10.	15.289	63.	1.5	242.842	15.583	1.5	4.	21.	40.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/26/82-01/27/93	15 ##	5.	7.667	20.	5.	28.095	5.3	5.	5.	10.	20.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/26/82-01/27/93	15	8.	9.267	24.	2.	23.638	4.862	3.8	7.	10.	17.4
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/14/78-01/27/93	21 ##	0.5	0.5	1.	0.	0.075	0.274	0.	0.5	0.5	1.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/17/78-01/27/93	26	24.	46.712	560.	0.5	11367.643	106.619	2.4	17.25	33.25	85.2

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

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	01/17/78-01/27/93	26	1.38	1.303	2.748	-0.301	0.335	0.579	0.334	1.235	1.522	1.93
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			20.078								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/17/78-01/27/93	26	28.5	56.654	600.	2.	12980.315	113.931	6.7	17.	50.	91.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/17/78-01/27/93	26	1.455	1.453	2.778	0.301	0.229	0.478	0.825	1.23	1.691	1.957
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			28.358								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/10/67-01/27/93	26	209.5	209.077	328.	165.	751.114	27.406	188.8	193.75	213.25	219.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/14/67-04/05/83	11	213.	211.182	222.	196.	73.564	8.577	197.	203.	219.	221.8
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/10/67-02/01/83	13	0.29	0.281	0.31	0.25	0.	0.018	0.254	0.26	0.29	0.302
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/17/78-08/26/92	25	88.	84.28	100.	51.	185.21	13.609	62.6	73.5	95.	98.4
71890	MERCURY, DISSOLVED (UG/L AS HG)	02/14/78-08/22/91	19 ##	0.05	0.066	0.3	0.	0.004	0.06	0.05	0.05	0.05	0.1
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/17/78-08/26/92	25	14.	15.36	55.	2.	140.907	11.87	4.6	6.	20.5	31.

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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0021

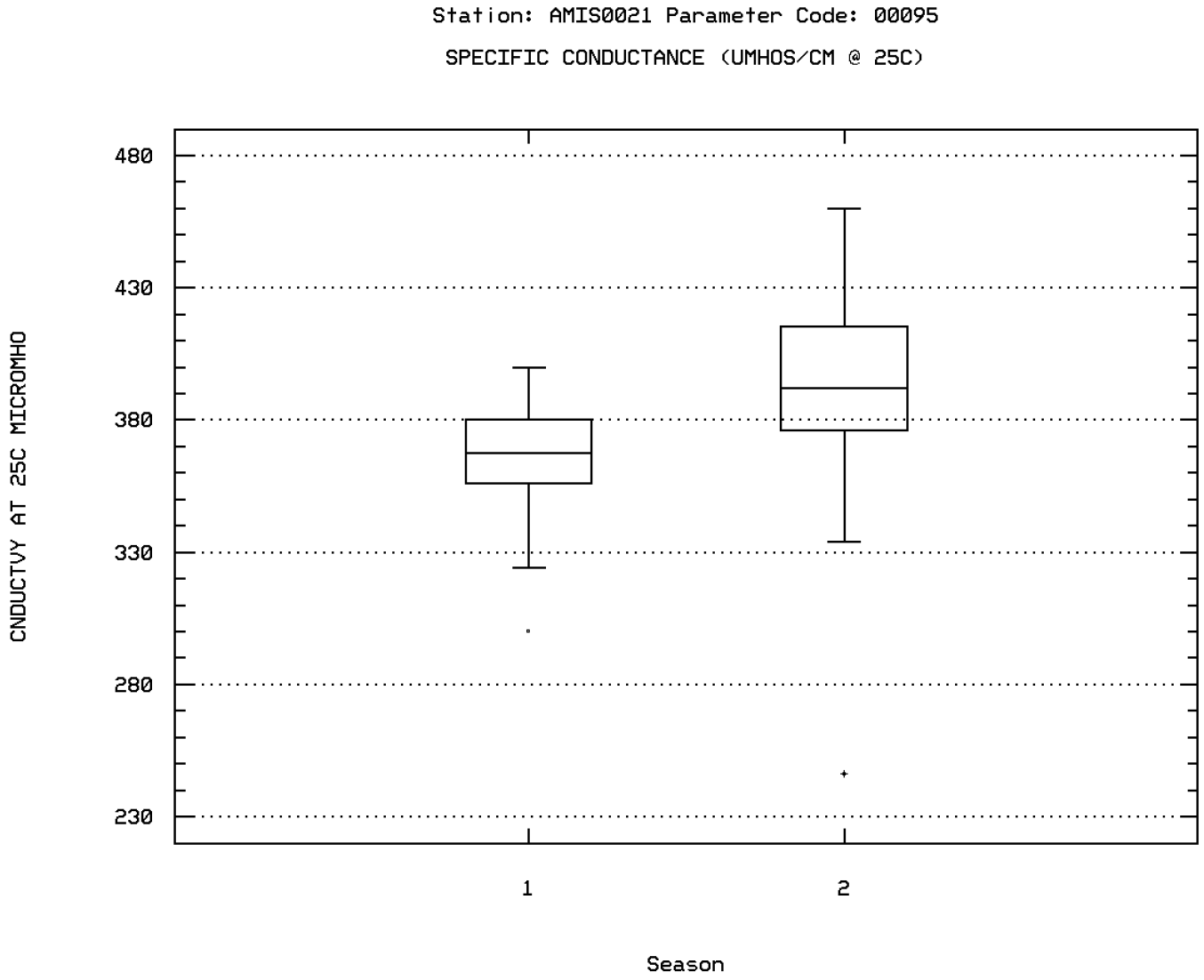
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/67-01/27/93	64	17.5	17.745	28.5	8.	27.426	5.237	11.	13.625	22.3	25.5
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/82-01/27/93	34	736.	736.971	754.	729.	33.969	5.828	730.	732.	742.	745.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/17/78-01/27/93	58	302.5	305.172	556.	155.	9018.777	94.967	177.	228.	362.75	454.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/24/78-01/27/93	52	1.	2.708	35.	0.1	28.646	5.352	0.3	0.5	2.375	8.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/10/67-01/27/93	64	392.	390.219	460.	246.	1025.221	32.019	351.5	374.5	415.75	420.
00300	OXYGEN, DISSOLVED MG/L	01/17/78-01/27/93	58	10.2	10.372	13.1	8.4	0.924	0.962	9.	9.95	10.8	11.91
00310	BOD, 5 DAY, 20 DEG C MG/L	01/17/78-01/27/93	58	1.05	1.086	6.	0.	0.787	0.887	0.29	0.5	1.425	1.81
00400p	PH (STANDARD UNITS)	01/10/67-01/27/93	64	7.85	7.851	8.4	7.	0.12	0.347	7.4	7.6	8.1	8.3
00400p	CONVERTED PH (STANDARD UNITS)	01/10/67-01/27/93	64	7.847	7.708	8.4	7.	0.141	0.376	7.4	7.6	8.1	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/10/67-01/27/93	64	0.014	0.02	0.1	0.004	0.	0.019	0.005	0.008	0.025	0.041
00403	PH, LAB, STANDARD UNITS SU	01/13/81-01/27/93	40	8.1	8.122	8.4	7.9	0.016	0.127	8.	8.	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/13/81-01/27/93	40	8.1	8.105	8.4	7.9	0.016	0.128	8.	8.	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/81-01/27/93	40	0.008	0.008	0.013	0.004	0.	0.002	0.005	0.006	0.01	0.01
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/10/67-05/21/91	59	172.	163.797	197.	0.	1672.13	40.892	150.	163.	180.	189.
00440p	BICARBONATE ION (MG/L AS HCO3)	01/10/67-11/06/90	37	215.	211.514	240.	130.	384.701	19.614	185.4	205.	223.	230.
00445p	CARBONATE ION (MG/L AS CO3)	01/10/67-11/06/90	37	0.	0.432	10.	0.	3.586	1.894	0.	0.	0.	0.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/13/79-01/27/93	48	0.03	0.037	0.14	0.	0.001	0.031	0.005	0.013	0.05	0.081
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/17/78-12/01/92	41	0.02	0.025	0.08	0.005	0.	0.02	0.005	0.01	0.04	0.056
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/10/85-01/27/93	22	0.01	0.012	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.02
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/17/78-12/01/92	16	0.01	0.014	0.03	0.005	0.	0.009	0.005	0.006	0.02	0.03
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/17/78-08/22/91	20	0.375	0.403	0.82	0.05	0.051	0.227	0.125	0.205	0.603	0.766
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/78-01/27/93	58	0.4	0.46	1.1	0.05	0.073	0.271	0.1	0.295	0.66	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/17/78-12/01/92	26	1.7	1.735	2.3	0.71	0.142	0.377	1.27	1.475	2.1	2.2
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/13/79-01/27/93	48	1.6	1.575	3.9	0.6	0.212	0.461	1.1	1.3	1.775	2.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/78-01/27/93	58	0.008	0.012	0.06	0.	0.	0.013	0.005	0.005	0.01	0.031
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/17/78-01/27/93	58 ##	0.005	0.01	0.07	0.	0.	0.012	0.005	0.005	0.01	0.021
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/08/81-01/27/93	38 ##	0.005	0.011	0.04	0.005	0.	0.011	0.005	0.005	0.01	0.031
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/10/67-02/01/83	31	190.	187.032	210.	120.	336.832	18.353	163.6	180.	200.	208.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/10/67-02/01/83	31	14.	15.032	33.	0.	73.632	8.581	4.2	10.	22.	27.6
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	01/10/67-01/27/93	62	54.	53.952	63.	38.	25.981	5.097	46.	50.75	58.	60.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/10/67-01/27/93	62	14.	13.474	15.	5.9	2.11	1.453	13.	13.	14.	15.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	01/10/67-01/27/93	62	8.3	8.161	9.9	3.3	0.883	0.94	7.26	7.875	8.625	8.94
00931	SODIUM ADSORPTION RATIO	01/10/67-02/01/83	30	0.3	0.257	0.3	0.1	0.003	0.057	0.2	0.2	0.3	0.3
00932	SODIUM, PERCENT	01/10/67-02/01/83	30	8.	8.4	12.	6.	1.766	1.329	7.	8.	9.	10.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	01/10/67-01/27/93	60	1.3	1.402	4.2	1.	0.163	0.404	1.2	1.3	1.4	1.59
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/10/67-01/27/93	63	14.	14.587	26.	7.	9.02	3.003	11.	13.	16.	17.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/10/67-01/27/93	62	9.	9.145	15.	6.	2.618	1.618	8.	8.	10.	11.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	01/10/67-01/27/93	62	0.3	0.31	0.7	0.1	0.006	0.078	0.293	0.3	0.3	0.4
00955p	SILICA, DISSOLVED (MG/L AS SI02)	01/10/67-01/27/93	62	13.	13.316	16.	7.9	2.339	1.529	11.3	13.	14.	15.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/14/78-08/22/91	29	1.	0.914	2.	0.5	0.091	0.301	0.5	0.75	1.	1.

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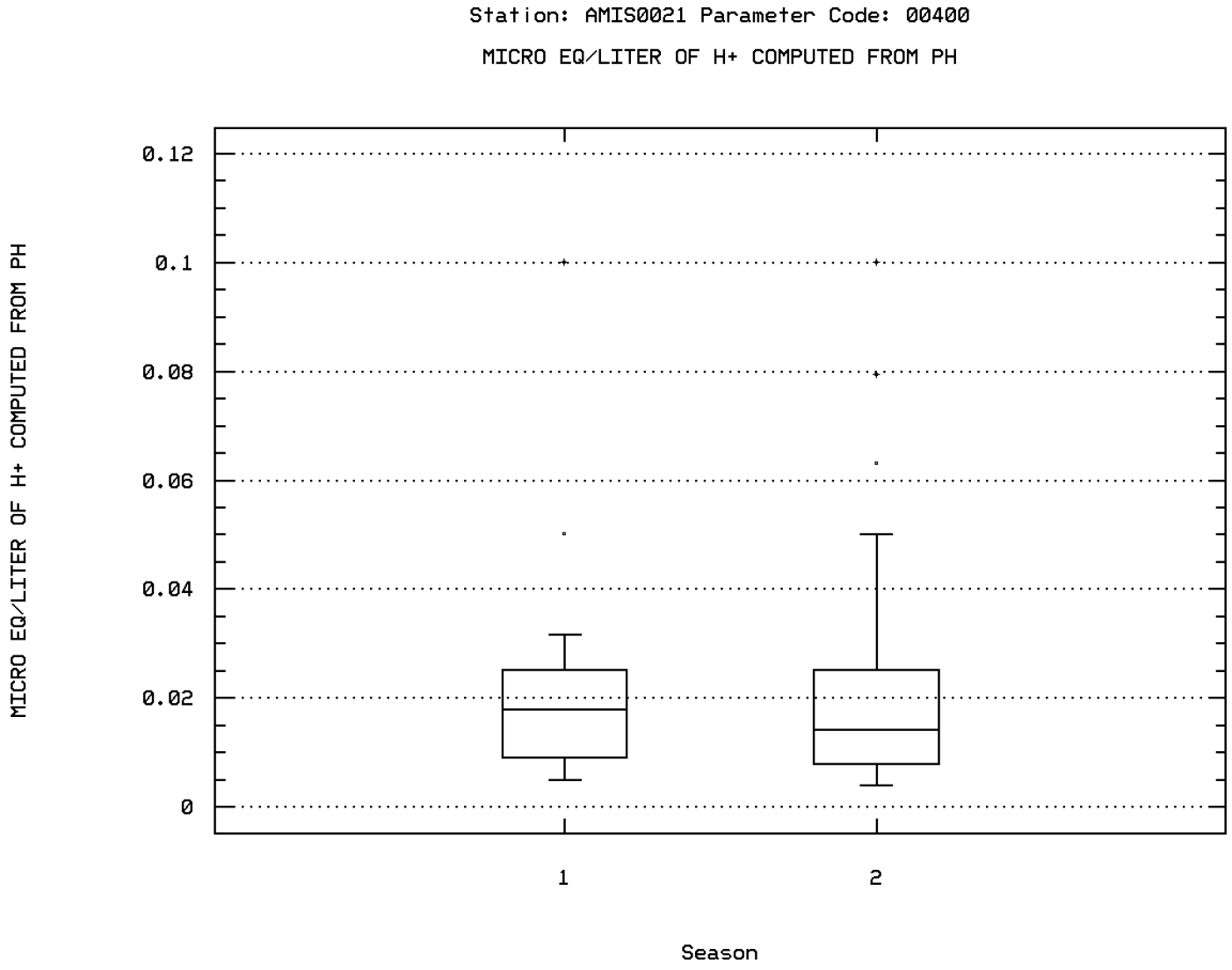
Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/14/78-01/27/93	33	110.	113.273	270.	50.	1293.455	35.965	98.8	110.	110.	120.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/26/82-08/22/91	22 ##	0.25	0.457	2.6	0.25	0.374	0.611	0.25	0.25	0.25	1.61
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/14/78-08/22/91	29 ##	0.5	0.776	4.	0.	0.564	0.751	0.5	0.5	0.75	2.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/14/78-08/22/91	29 ##	0.5	1.328	20.	0.	13.791	3.714	0.	0.5	0.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	02/14/78-01/27/93	33 ##	1.5	1.379	1.5	0.	0.157	0.396	0.9	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	02/14/78-08/22/91	29	1.	1.224	5.	0.	1.546	1.243	0.5	0.5	1.5	3.
01046	IRON, DISSOLVED (UG/L AS FE)	02/14/78-01/27/93	33	6.	8.773	66.	1.5	142.955	11.956	1.5	1.5	9.5	20.
01049	LEAD, DISSOLVED (UG/L AS PB)	02/14/78-08/22/91	29 ##	1.	2.017	10.	0.	5.598	2.366	0.	0.5	2.5	6.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/14/78-01/27/93	33 ##	0.5	1.439	5.	0.5	2.027	1.424	0.5	0.5	2.	4.6
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/26/82-01/27/93	26 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/05/80-01/27/93	31	0.5	1.419	6.	0.	2.402	1.55	0.5	0.5	2.	4.8
01075	SILVER, DISSOLVED (UG/L AS AG)	02/14/78-01/27/93	33 ##	0.5	0.455	1.	0.	0.053	0.229	0.	0.5	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/26/82-01/27/93	26	490.	492.692	550.	420.	892.462	29.874	457.	470.	520.	540.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/26/82-01/27/93	26	8.5	8.462	11.	7.	0.898	0.948	7.	8.	9.	9.3
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/14/78-08/22/91	29	6.	15.414	160.	0.	925.269	30.418	1.5	2.25	12.5	43.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/26/82-01/27/93	26 ##	5.	6.538	30.	5.	25.538	5.054	5.	5.	5.	10.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/26/82-01/27/93	26	9.	9.423	17.	2.	11.854	3.443	5.7	7.	11.25	15.6
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/14/78-01/27/93	33 ##	0.5	0.515	1.	0.	0.054	0.233	0.2	0.5	0.5	1.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/17/78-01/27/93	58	10.	83.966	3900.	0.	262654.613	512.498	0.5	1.75	18.	24.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	01/17/78-01/27/93	58	1.	0.819	3.591	-0.301	0.514	0.717	-0.301	0.226	1.255	1.38
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.584								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/17/78-01/27/93	58	12.	194.871	10000.	0.5	1722713.68	1312.522	1.	4.	20.	28.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/17/78-01/27/93	58	1.079	0.975	4.	-0.301	0.472	0.687	0.	0.602	1.301	1.45
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			9.436								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/10/67-01/27/93	60	210.5	212.083	275.	152.	372.654	19.304	193.1	202.25	221.	234.7
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/14/67-04/05/83	28	225.5	221.25	248.	134.	453.75	21.301	203.3	213.75	231.75	242.2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/10/67-02/01/83	30	0.29	0.29	0.37	0.21	0.001	0.025	0.27	0.28	0.3	0.31
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/17/78-08/26/92	56	83.	77.625	100.	16.	455.948	21.353	49.8	67.5	93.5	98.3
71890	MERCURY, DISSOLVED (UG/L AS HG)	02/14/78-08/22/91	29 ##	0.05	0.233	5.	0.05	0.842	0.917	0.05	0.05	0.05	0.1
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/17/78-08/26/92	56	12.	14.214	52.	3.	123.59	11.117	4.	6.	17.	30.1

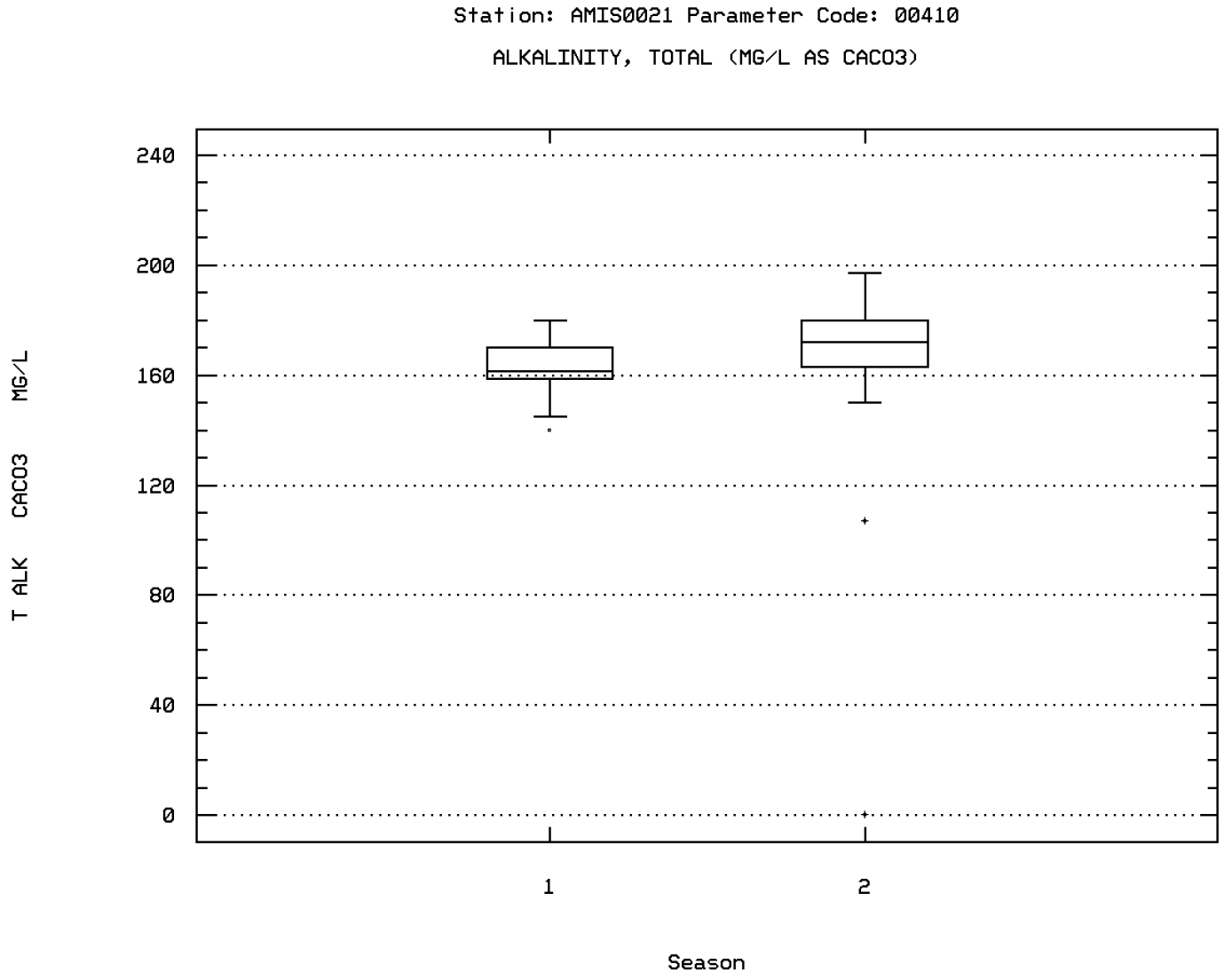
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



DEVILS R AT PAFFORD CROSSING NR COMSTOC



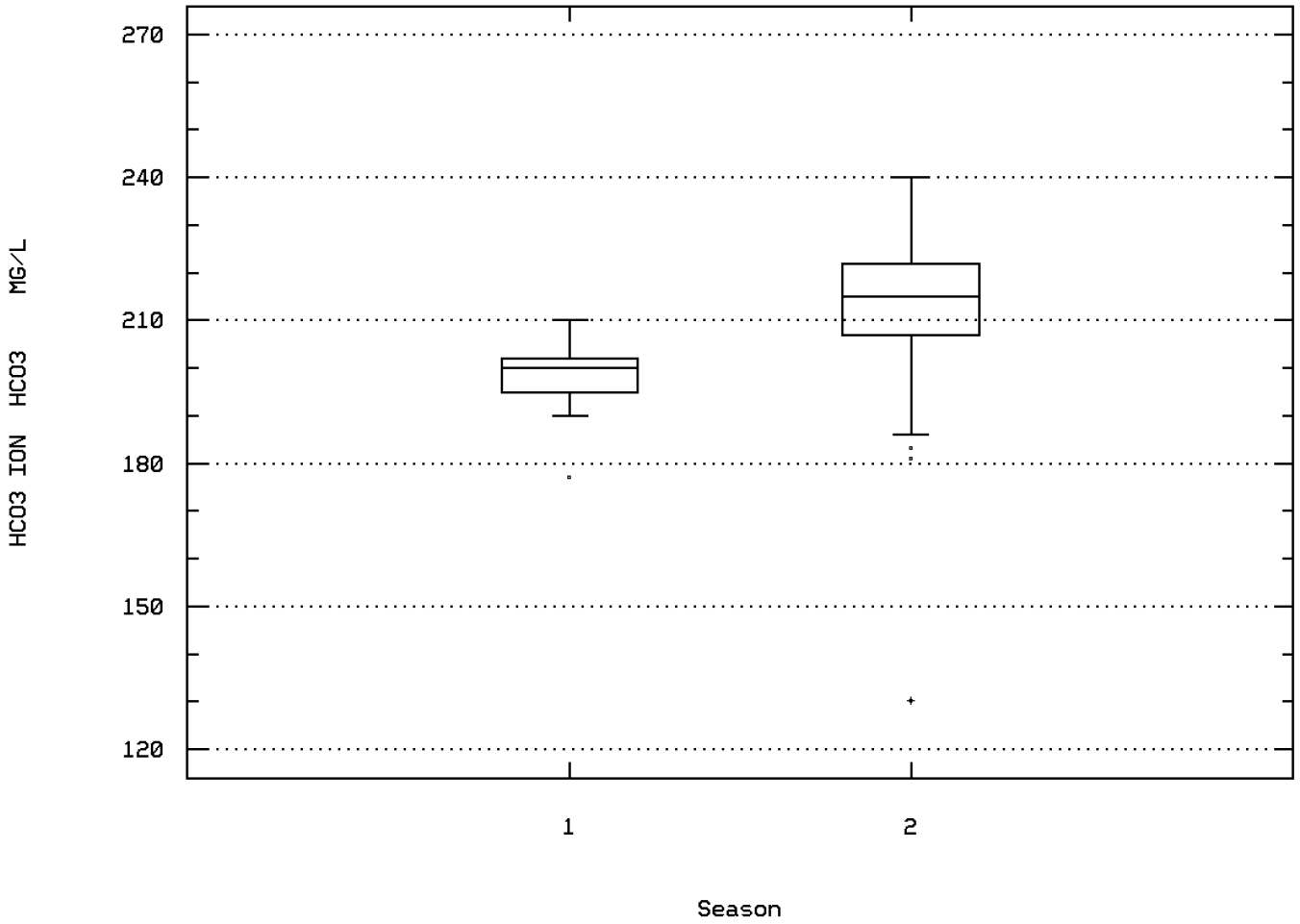
DEVILS R AT PAFFORD CROSSING NR COMSTOC



DEVILS R AT PAFFORD CROSSING NR COMSTOC

Station: AMIS0021 Parameter Code: 00440

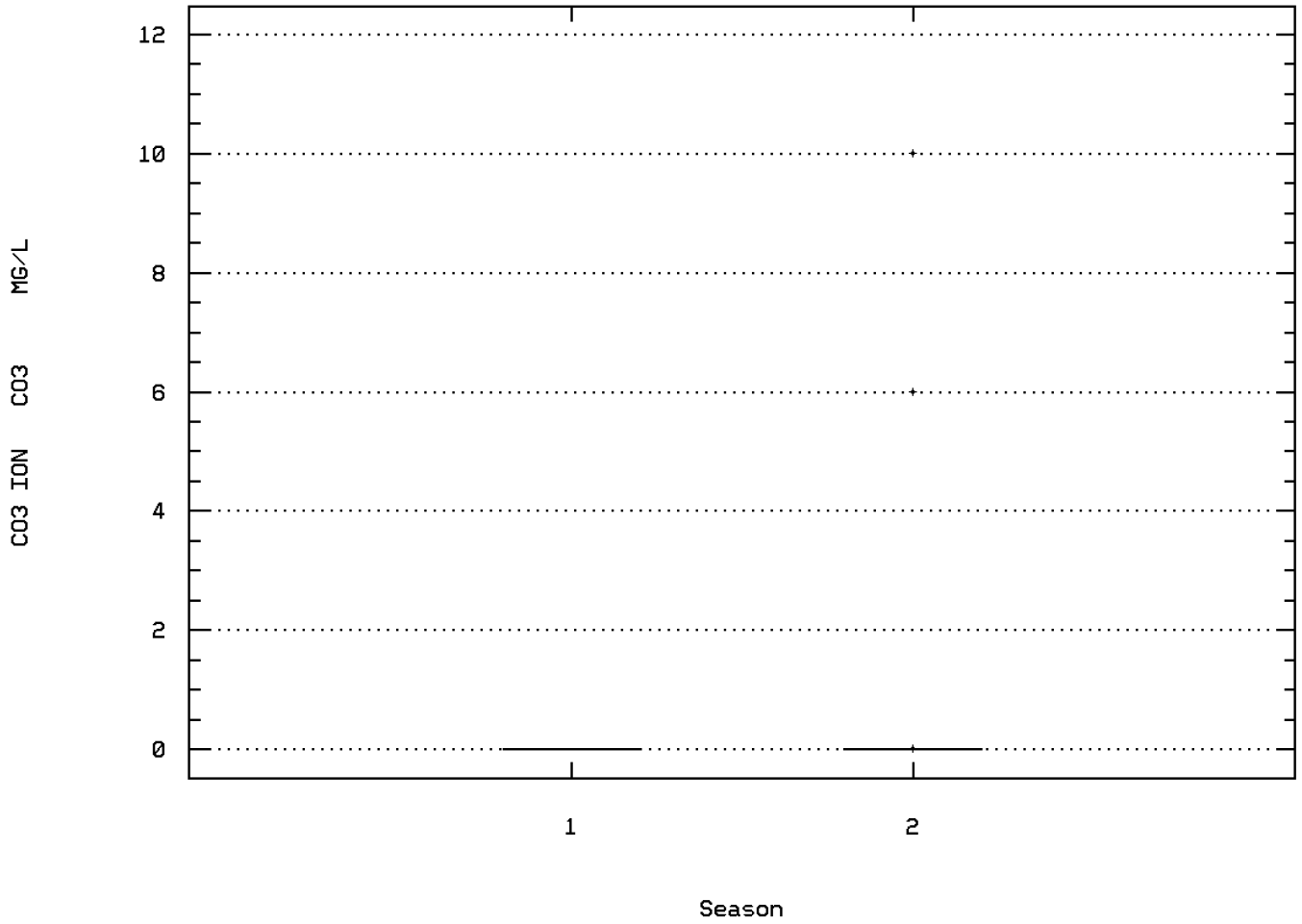
BICARBONATE ION (MG/L AS HCO3)



DEVILS R AT PAFFORD CROSSING NR COMSTOC

Station: AMIS0021 Parameter Code: 00445

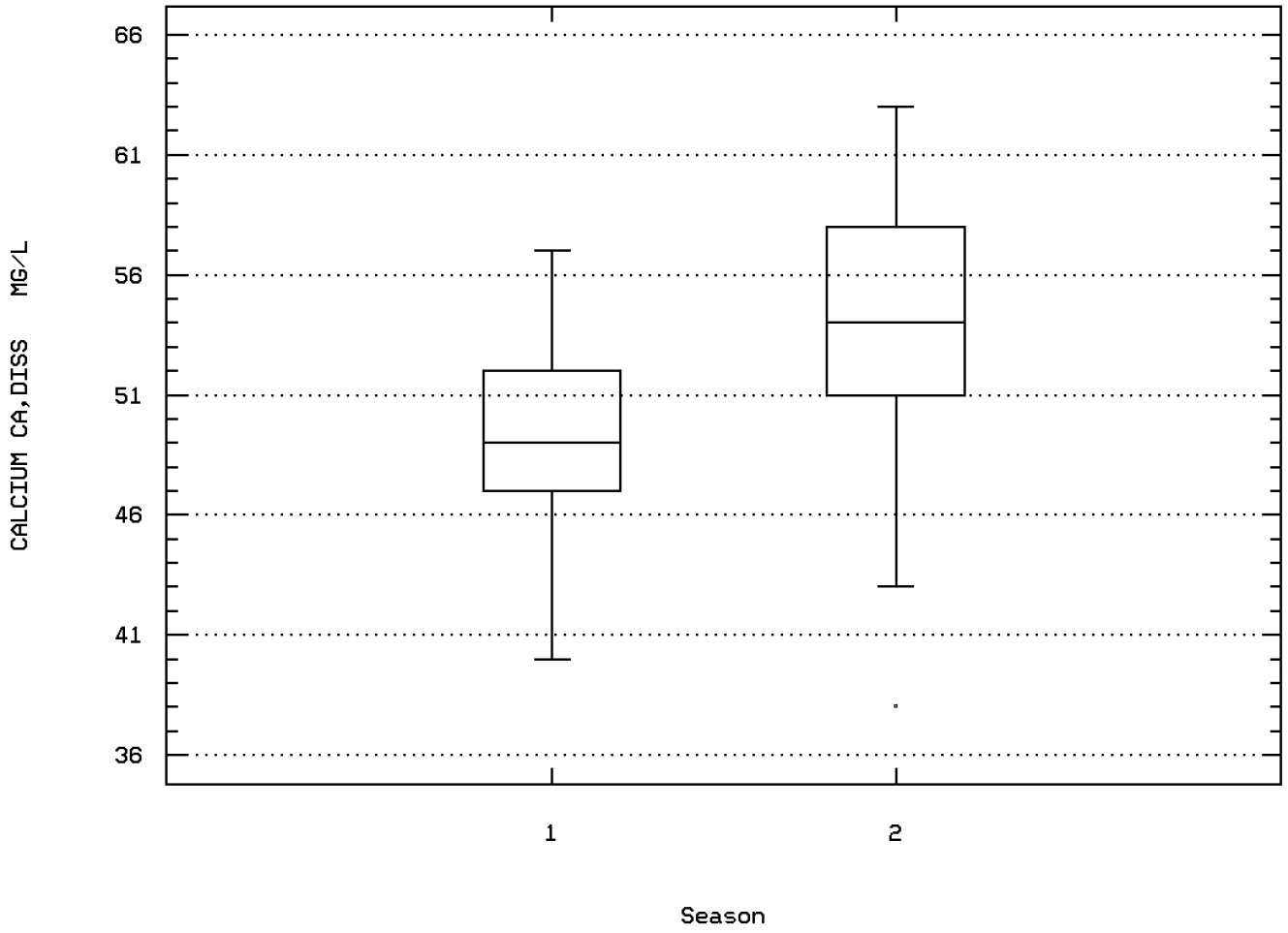
CARBONATE ION (MG/L AS CO3)



DEVILS R AT PAFFORD CROSSING NR COMSTOC

Station: AMIS0021 Parameter Code: 00915

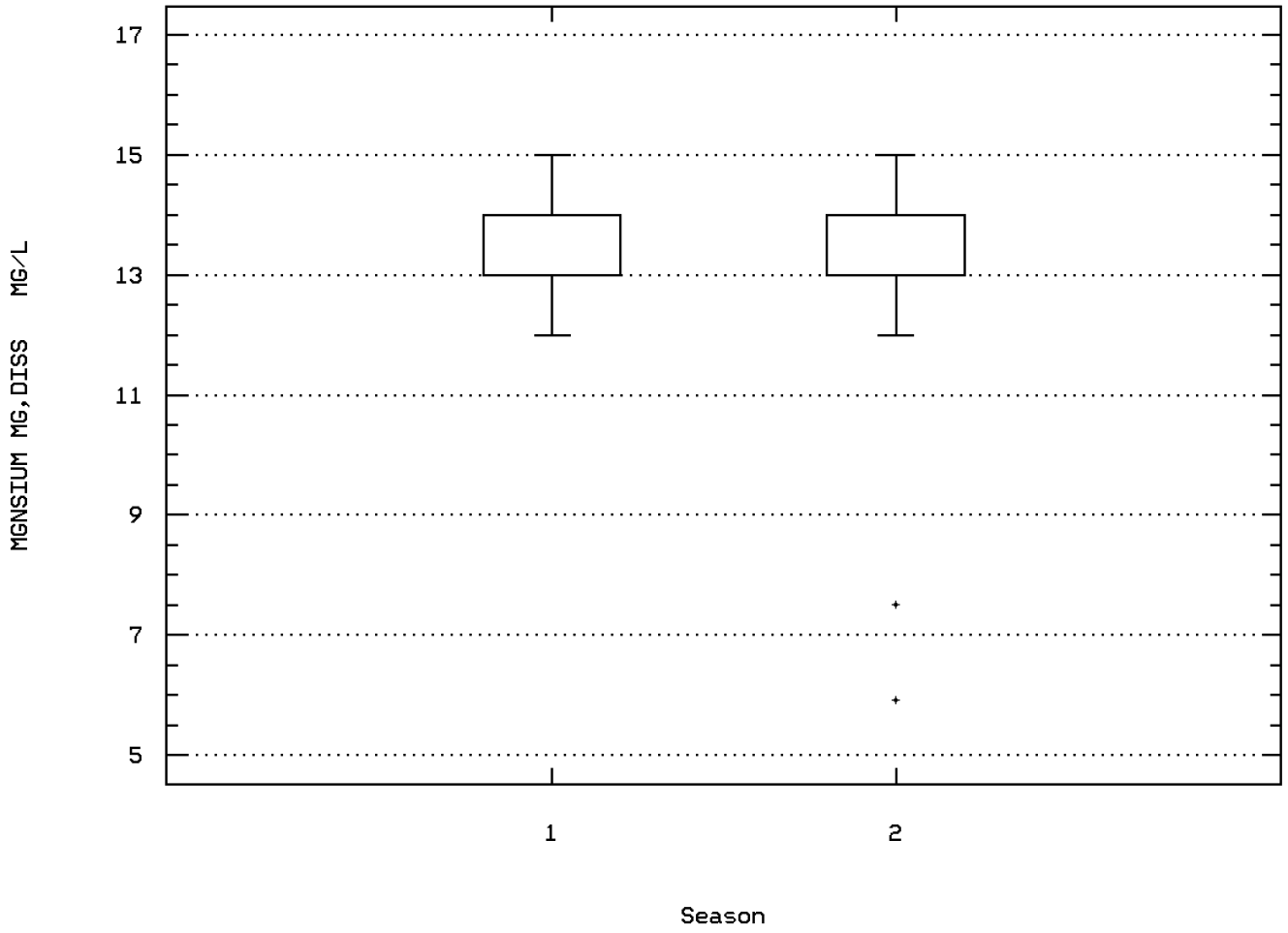
CALCIUM, DISSOLVED (MG/L AS CA)



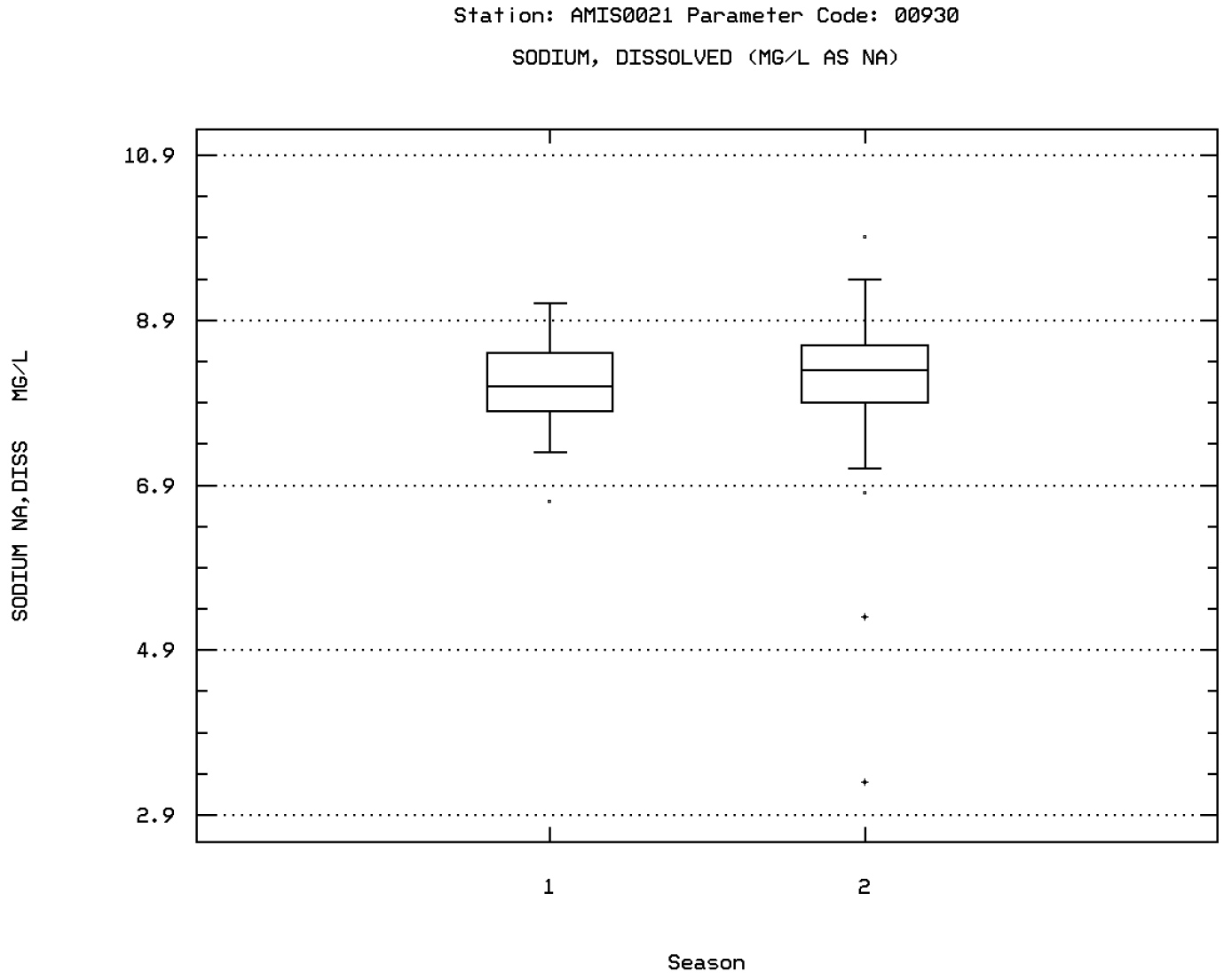
DEVILS R AT PAFFORD CROSSING NR COMSTOC

Station: AMIS0021 Parameter Code: 00925

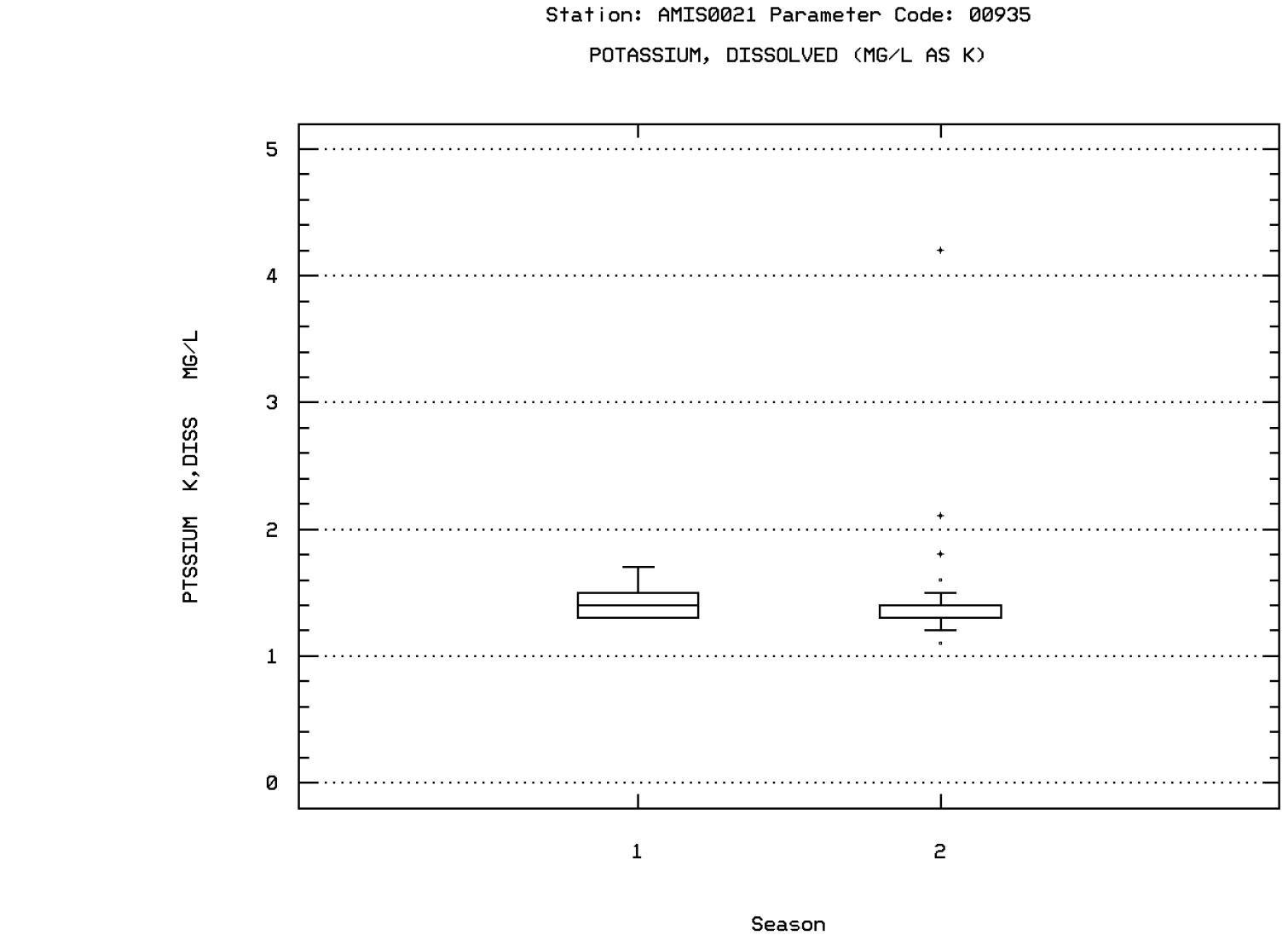
MAGNESIUM, DISSOLVED (MG/L AS MG)



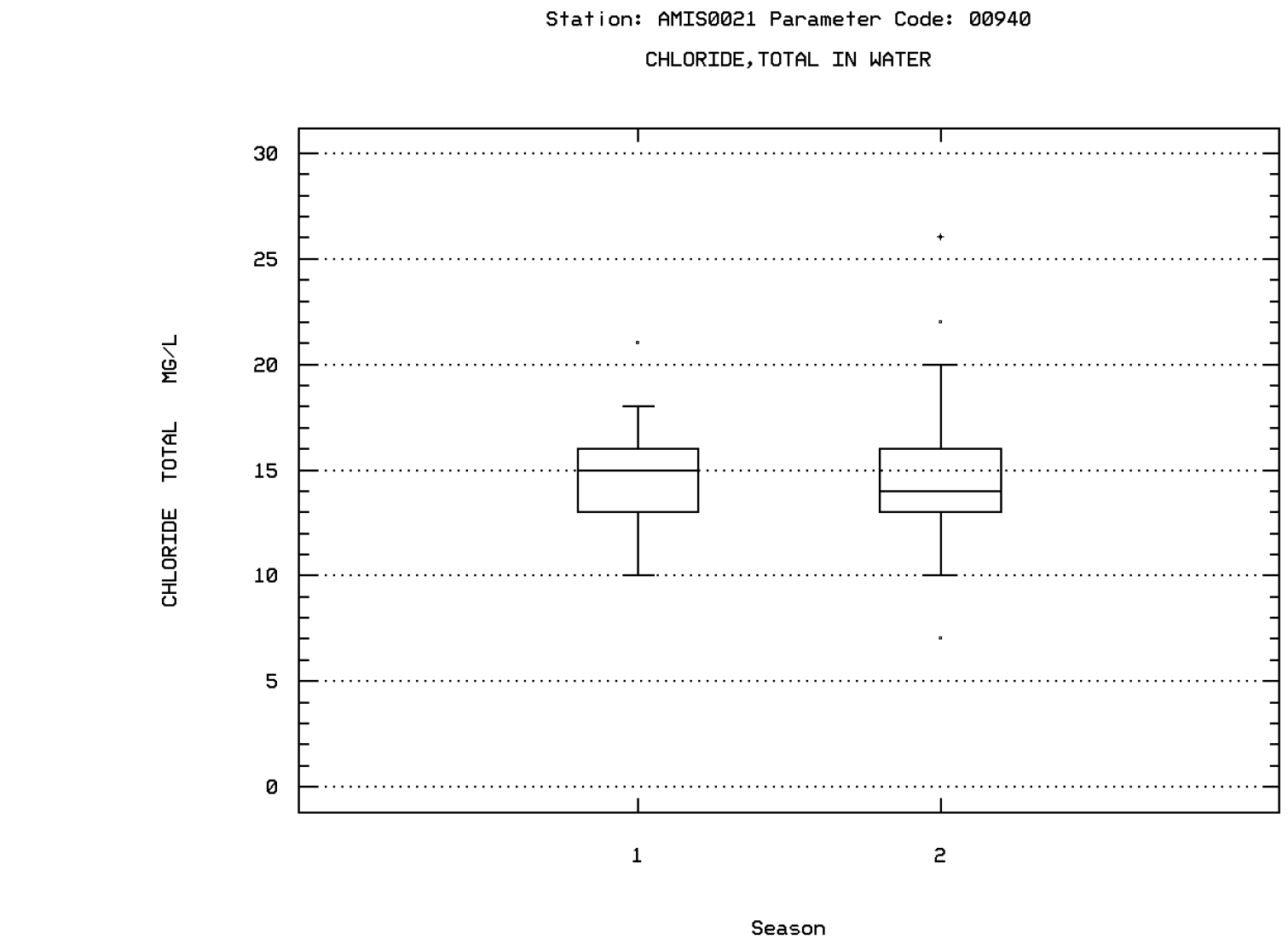
DEVILS R AT PAFFORD CROSSING NR COMSTOC



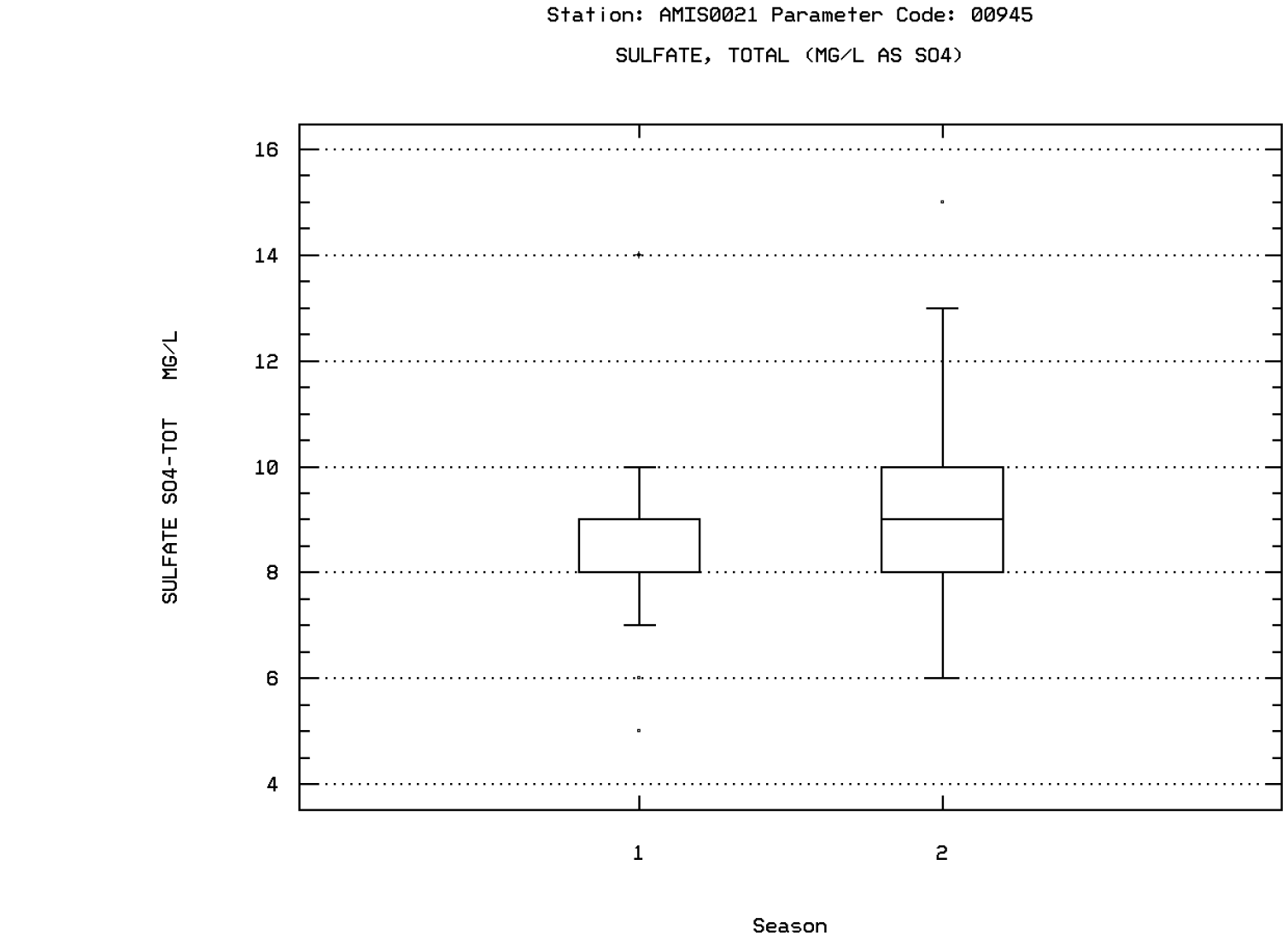
DEVILS R AT PAFFORD CROSSING NR COMSTOC



DEVILS R AT PAFFORD CROSSING NR COMSTOC



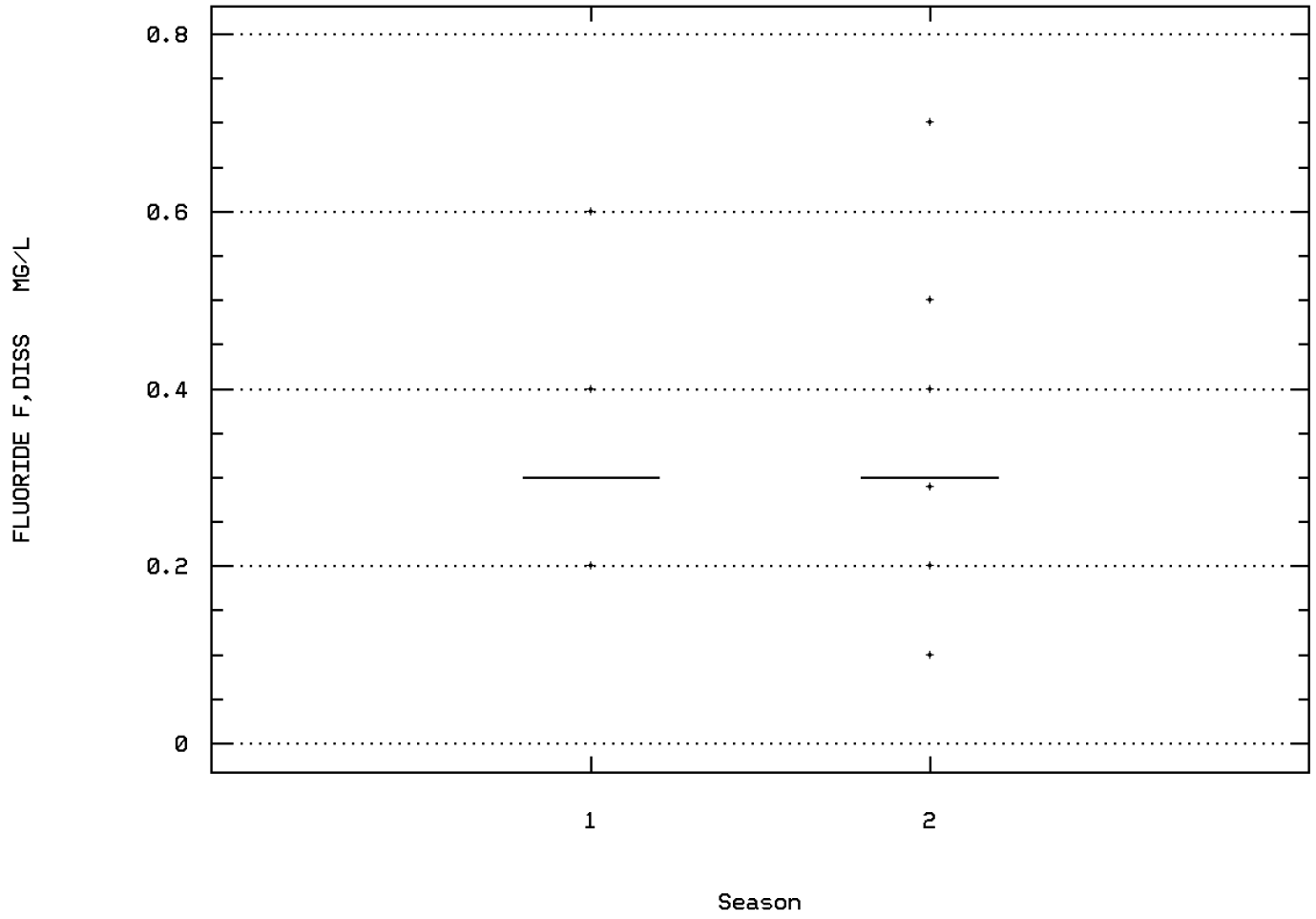
DEVILS R AT PAFFORD CROSSING NR COMSTOC



DEVILS R AT PAFFORD CROSSING NR COMSTOC

Station: AMIS0021 Parameter Code: 00950

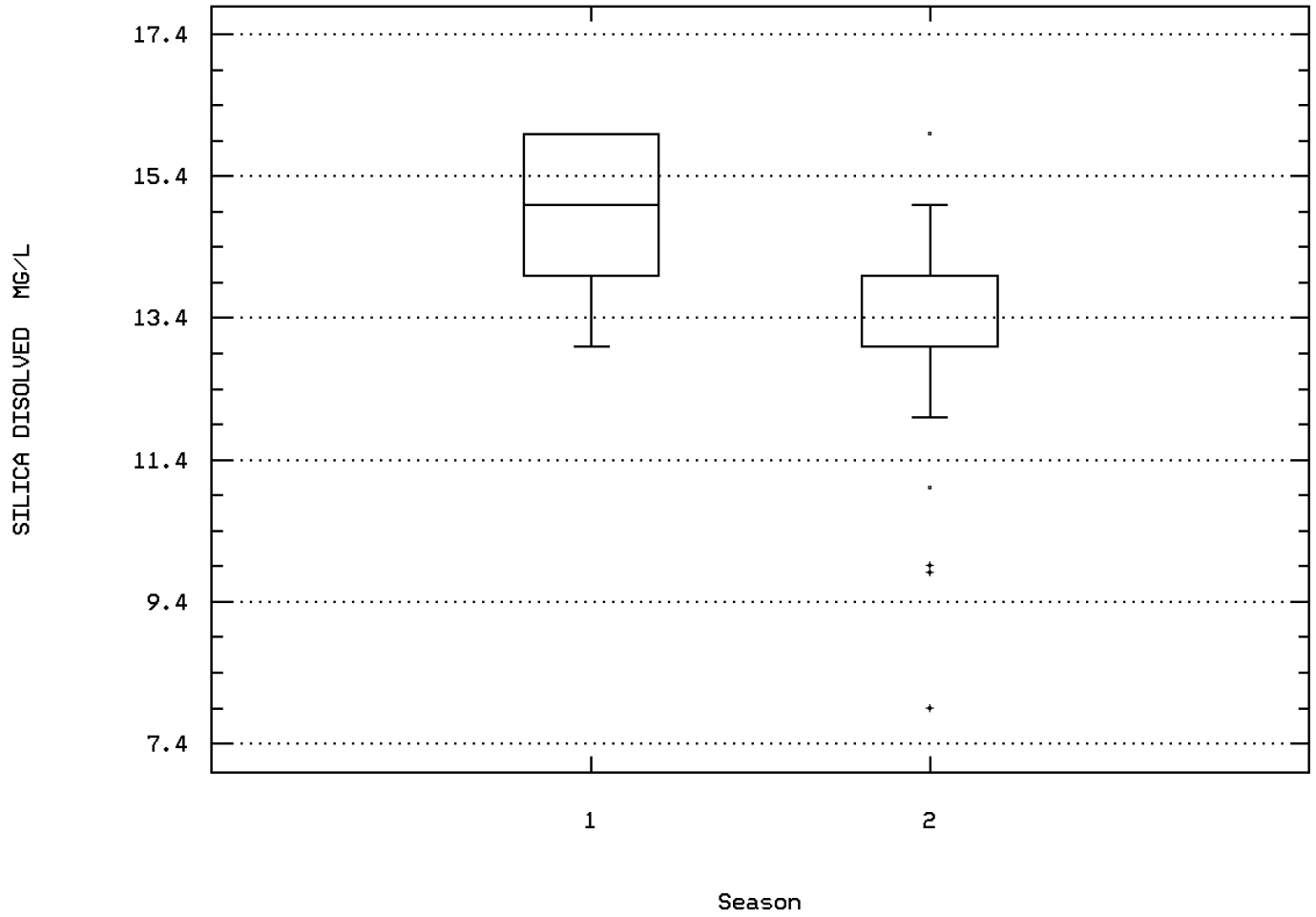
FLUORIDE, DISSOLVED (MG/L AS F)



DEVILS R AT PAFFORD CROSSING NR COMSTOC

Station: AMIS0021 Parameter Code: 00955

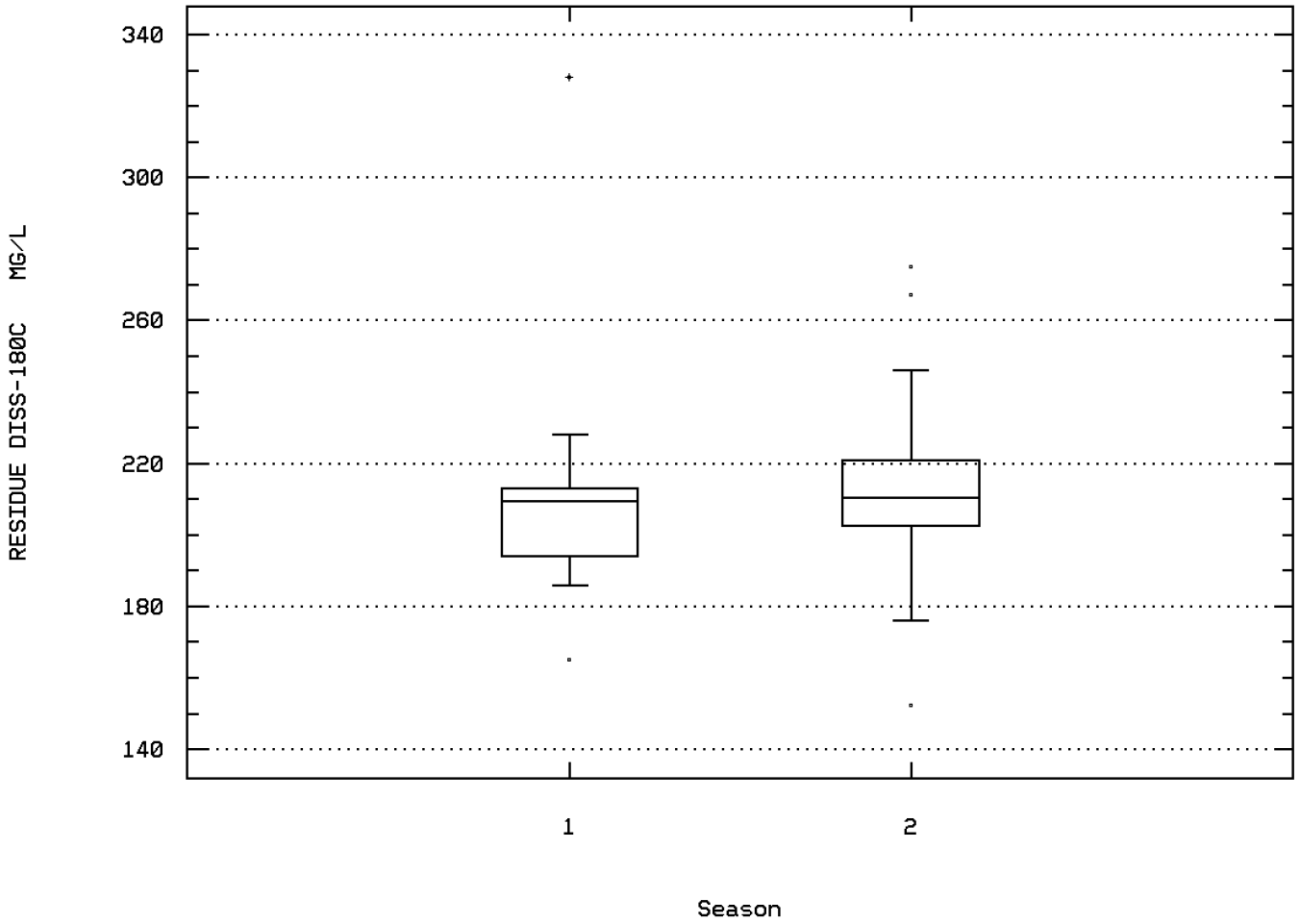
SILICA, DISSOLVED (MG/L AS SI02)



DEVILS R AT PAFFORD CROSSING NR COMSTOC

Station: AMIS0021 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



DEVILS R AT PAFFORD CROSSING NR COMSTOC

Station Inventory for Station: AMIS0022

NPS Station ID: AMIS0022
LAT/LON: 29.500005/-101.000005
Agency: 21TEXWR
Date Created: 01/29/79
Location: AMIS TAD RESERVOIR, TEXAS
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 23059912
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: UPPER PECOS RIVER
ECO Region:
RF1 Index: 13040302002
RF1 Mile Point: 5.950
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13040302010800.00
RF3 Mile Point: 0.87
Distance from RF3: 0.01
On/Off RF3:
Description:
DATA FROM TEXAS DEPARTMENT OF WATER RESOURCES SAMPLES ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAO RESERVOIR, TEXAS

Parameter Inventory for Station: AMIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	10/26/76-10/26/76	3	1.7	2.167	3.9	0.9	2.413	1.553	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	10/26/76-10/26/76	3	15.5	15.8	19.	12.9	9.37	3.061	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/19/76-10/19/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/19/76-10/19/76	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/19/76-10/19/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/19/76-10/19/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/19/76-10/19/76	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/19/76-10/19/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/19/76-10/19/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/19/76-10/19/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/19/76-10/19/76	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/19/76-10/19/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/19/76-10/19/76	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/19/76-10/19/76	1	73.	73.	73.	73.	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	10/26/76-10/26/76	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	10/26/76-10/26/76	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	10/26/76-10/26/76	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/26/76-10/26/76	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/26/76-10/26/76	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/26/76-10/26/76	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/26/76-10/26/76	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39105	PERCENT FAT HEXANE EXTRACTION	10/26/76-10/26/76	3	7.3	8.567	13.4	5.	18.843	4.341	**	**	**	**
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/26/76-10/26/76	3	0.19	0.207	0.36	0.07	0.021	0.146	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	10/26/76-10/26/76	3 ##	0.003	0.005	0.01	0.003	0.	0.004	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	10/26/76-10/26/76	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	10/26/76-10/26/76	3 ##	0.002	0.008	0.02	0.002	0.	0.011	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/26/76-10/26/76	3	0.19	0.197	0.33	0.07	0.017	0.13	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	10/26/76-10/26/76	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	10/26/76-10/26/76	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: AMIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/19/76-10/19/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/19/76-10/19/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/19/76-10/19/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/19/76-10/19/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/26/76-10/26/76	3 ##	0.002	0.004	0.01	0.002	0.	0.005	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/19/76-10/19/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/19/76-10/19/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	10/26/76-10/26/76	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	10/19/76-10/19/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/26/76-10/26/76	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/19/76-10/19/76	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/19/76-10/19/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/26/76-10/26/76	3	0.08	0.063	0.09	0.02	0.001	0.038	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/26/76-10/26/76	3	0.09	0.133	0.29	0.02	0.02	0.14	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/26/76-10/26/76	3	0.02	0.03	0.05	0.02	0.	0.017	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/26/76-10/26/76	3	5.	4.333	5.	3.	1.333	1.155	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
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									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	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: AMIS0023

NPS Station ID: AMIS0023 LAT/LON: 29.683309/-101.000005 Agency: 21TXWQB Date Created: 07/23/94
Location: DEVILS RIVER AT PAFFORD CROSSING NEAR COMSTOCK FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13237 /2309.0100 /2309.1000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13040302 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13040302 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
DEVILS RIVER AT PAFFORD CROSSING NEAR COMSTOCK

Parameter Inventory for Station: AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	125	21.1	21.342	31.8	10.	32.488	5.7	13.3	16.6	26.5	28.62
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/21/73-07/24/85	53	70.	70.551	87.8	53.6	100.953	10.048	57.	61.85	79.6	84.12
00023	SAMPLE WEIGHT IN POUNDS	05/23/84-05/23/84	2	1.25	1.25	1.3	1.2	0.005	0.071	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	05/23/84-06/29/89	3	15.	13.167	16.	8.5	16.583	4.072	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/73-07/06/93	109	295.	319.734	1352.	20.	26167.716	161.764	173.	217.	388.5	479.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/73-11/13/80	38	5.	4.539	18.	0.	9.221	3.037	0.95	2.	5.	6.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/81-08/26/92	52	1.	20.225	920.	0.1	16213.099	127.331	0.3	0.5	2.55	8.68
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/17/87-12/15/88	4	60.	58.5	90.	24.	729.	27.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/07/89-07/06/93	9	2.	2.333	3.	1.	0.5	0.707	1.	2.	3.	3.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/03/91-03/18/93	5	319.	320.2	376.	260.	2656.7	51.543	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/21/73-07/06/93	66	371.	379.106	600.	175.	5185.604	72.011	300.	340.	411.	469.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/09/74-08/26/92	103	384.	387.204	525.	300.	1001.203	31.642	354.4	365.	400.	423.
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	124	10.	9.793	13.1	7.	1.446	1.203	8.05	8.9	10.475	11.25
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/08/81-03/18/93	14	107.35	110.393	128.	99.9	76.55	8.749	100.95	103.725	114.75	127.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/81-08/26/92	54	1.1	1.017	2.4	0.	0.282	0.531	0.2	0.65	1.4	1.65
00400	PH (STANDARD UNITS)	11/21/73-07/06/93	117	8.1	8.038	8.8	7.1	0.101	0.318	7.6	7.8	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	11/21/73-07/06/93	117	8.1	7.913	8.8	7.1	0.117	0.342	7.6	7.8	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/73-07/06/93	117	0.008	0.012	0.079	0.002	0.	0.011	0.004	0.005	0.016	0.025
00403	PH, LAB, STANDARD UNITS SU	01/09/74-12/08/87	49	8.2	8.157	8.5	7.4	0.039	0.198	8.	8.05	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/09/74-12/08/87	49	8.2	8.1	8.5	7.4	0.042	0.206	8.	8.05	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/09/74-12/08/87	49	0.006	0.008	0.04	0.003	0.	0.006	0.004	0.005	0.009	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/09/76-03/18/93	91	170.	170.923	427.	124.	923.405	30.388	150.	159.	178.	186.
00480	SALINITY - PARTS PER THOUSAND	06/03/91-12/03/91	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/74-03/18/93	59	5.	6.042	40.	0.5	46.994	6.855	1.	2.5	5.	10.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/74-03/18/93	59	2.5	3.415	25.	0.5	12.743	3.57	0.5	1.	5.	5.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/08/81-08/26/92	54	0.03	0.042	0.14	0.005	0.001	0.034	0.008	0.02	0.053	0.095
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/09/74-03/18/93	88	0.02	0.052	2.13	0.005	0.051	0.225	0.01	0.01	0.05	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/10/85-08/26/92	29	0.01	0.011	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/24/86-03/18/93	14	0.01	0.021	0.15	0.005	0.001	0.038	0.005	0.005	0.02	0.09
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/09/74-03/18/93	57	1.54	7.37	219.	0.52	1048.148	32.375	0.896	1.21	1.975	2.32
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/22/91-08/22/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/08/81-03/18/93	54	0.4	0.459	1.3	0.1	0.088	0.296	0.1	0.2	0.613	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/06/90-08/26/92	10	1.45	1.447	1.7	1.2	0.024	0.153	1.21	1.308	1.57	1.69
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/08/81-08/26/92	54	1.45	1.45	3.9	0.1	0.228	0.478	1.1	1.2	1.6	1.85
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/09/74-07/24/85	43	0.03	0.071	0.38	0.01	0.008	0.088	0.015	0.03	0.06	0.228
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/09/74-07/24/85	49 ##	0.015	0.033	0.3	0.005	0.002	0.047	0.015	0.015	0.03	0.06

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

Parameter Inventory for Station: AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/09/74-03/18/93	113	0.01	0.021	0.28	0.	0.001	0.033	0.005	0.005	0.02	0.046
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/08/81-08/26/92	54 ##	0.005	0.009	0.07	0.005	0.	0.01	0.005	0.005	0.01	0.015
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/09/74-03/18/93	111 ##	0.005	0.01	0.1	0.	0.	0.012	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-03/18/93	47	1.	2.168	13.	0.5	6.025	2.455	0.5	0.5	3.	5.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/08/81-02/01/83	8	190.	191.25	210.	180.	126.786	11.26	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/08/81-08/26/92	53	53.	52.925	63.	43.	24.533	4.953	46.	49.	57.	60.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/08/81-08/26/92	53	14.	13.547	15.	12.	0.676	0.822	12.4	13.	14.	15.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/08/81-08/26/92	53	8.3	8.294	9.2	7.3	0.226	0.476	7.54	7.85	8.65	8.8
00931	SODIUM ADSORPTION RATIO	10/08/81-02/01/83	8	0.3	0.288	0.3	0.2	0.001	0.035	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/08/81-08/26/92	53	1.3	1.358	1.6	1.1	0.012	0.112	1.3	1.3	1.4	1.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/09/74-03/18/93	112	14.	15.768	111.	3.	146.847	12.118	11.	13.	15.	17.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/27/74-08/19/76	17	15.	17.588	55.	5.	114.257	10.689	7.4	14.	20.	29.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/09/74-03/18/93	112	9.	8.277	14.	0.5	6.301	2.51	4.	8.	9.	11.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/08/81-08/26/92	53	0.3	0.324	1.	0.2	0.012	0.111	0.3	0.3	0.3	0.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/08/81-08/26/92	53	14.	14.208	16.	11.	1.629	1.276	13.	13.	15.	16.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/81-08/22/91	39	1.	0.91	2.	0.5	0.117	0.342	0.5	0.5	1.	1.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/08/81-08/03/82	4	1.	1.	1.	1.	0.	0.	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	05/23/84-06/03/91	8 ##	0.2	0.181	0.25	0.1	0.004	0.059	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/81-08/26/92	43	110.	113.674	270.	98.	639.606	25.29	100.	110.	110.	120.
01007	BARIUM, TOTAL (UG/L AS BA)	10/08/81-08/03/82	4	100.	125.	200.	100.	2500.	50.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/26/82-08/22/91	35 ##	0.25	0.466	2.6	0.25	0.321	0.566	0.25	0.25	0.25	1.4
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/81-08/22/91	39 ##	0.5	0.705	4.	0.5	0.378	0.615	0.5	0.5	0.5	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/08/81-08/03/82	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/81-08/22/91	39 ##	0.5	1.372	20.	0.	10.536	3.246	0.5	0.5	0.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/81-08/03/82	4 ##	7.5	12.5	30.	5.	141.667	11.902	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	10/08/81-08/26/92	43 ##	1.5	1.453	1.5	0.5	0.045	0.213	1.5	1.5	1.5	1.5
01037	COBALT, TOTAL (UG/L AS CO)	10/08/81-08/03/82	4 ##	0.5	1.375	4.	0.5	3.063	1.75	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/81-08/22/91	39	1.	1.09	5.	0.	0.893	0.945	0.5	0.5	1.	2.
01042	COPPER, TOTAL (UG/L AS CU)	10/08/81-08/03/82	4	4.	4.	7.	1.	8.667	2.944	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/08/81-08/03/82	4	70.	77.5	120.	50.	891.667	29.861	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/81-08/26/92	43	6.	7.721	66.	1.5	109.896	10.483	1.5	1.5	8.	13.2
01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/81-08/22/91	39 ##	2.	2.205	10.	0.5	4.43	2.105	0.5	0.5	2.5	6.
01051	LEAD, TOTAL (UG/L AS PB)	10/08/81-08/03/82	4	1.5	1.625	3.	0.5	1.229	1.109	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/08/81-08/03/82	4	10.	10.	10.	10.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/81-08/26/92	43	1.	1.36	5.	0.5	1.29	1.136	0.5	0.5	2.	3.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/26/82-08/26/92	39 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/08/81-08/26/92	43 ##	0.5	1.395	6.	0.	2.019	1.421	0.5	0.5	2.	3.6
01067	NICKEL, TOTAL (UG/L AS NI)	10/08/81-08/03/82	4	3.5	7.	19.	2.	66.	8.124	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/81-08/26/92	43 ##	0.5	0.523	1.	0.	0.023	0.152	0.5	0.5	0.5	0.5
01077	SILVER, TOTAL (UG/L AS AG)	10/08/81-08/03/82	4 ##	0.5	0.75	2.	0.	0.75	0.866	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/26/82-08/26/92	39	480.	483.077	550.	420.	895.547	29.926	450.	460.	500.	530.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/26/82-08/26/92	39	8.	8.436	11.	7.	0.673	0.821	7.	8.	9.	9.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/81-08/22/91	39	7.	16.077	160.	1.5	765.336	27.665	1.5	3.	18.	43.
01092	ZINC, TOTAL (UG/L AS ZN)	10/08/81-08/03/82	4	95.	92.5	120.	60.	1025.	32.016	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/26/82-08/26/92	39 ##	5.	6.41	20.	5.	13.09	3.618	5.	5.	5.	10.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/26/82-08/26/92	39	9.	9.564	24.	2.	15.673	3.959	7.	7.	11.	15.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/81-08/26/92	43 ##	0.5	0.535	1.	0.	0.029	0.169	0.5	0.5	0.5	0.8
01147	SELENIUM, TOTAL (UG/L AS SE)	10/08/81-08/03/82	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	07/23/85-06/03/91	7	0.76	0.806	1.38	0.25	0.204	0.452	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	11/18/86-08/26/92	12	1.9	1.892	2.7	0.8	0.284	0.533	0.92	1.725	2.375	2.64
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	11/18/86-08/26/92	12 ##	0.3	0.3	0.6	0.2	0.011	0.104	0.2	0.225	0.3	0.51
09511	RADIUM 226, DISSOLVED, RADON METHOD	11/18/86-08/26/92	12	0.19	0.175	0.24	0.085	0.002	0.05	0.087	0.153	0.2	0.24
22703	URANIUM, NATURAL, DISSOLVED	01/19/88-08/26/92	10	0.97	0.871	1.2	0.005	0.123	0.351	0.06	0.813	1.1	1.19
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/10/74-07/10/74	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.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-03/18/93	50	5.	22.17	300.	0.5	2816.71	53.073	1.	2.	15.25	61.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-03/18/93	50	0.699	0.763	2.477	-0.301	0.423	0.65	0.	0.301	1.183	1.789
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.792								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/08/81-08/26/92	54	12.5	21.037	400.	0.5	2977.867	54.57	1.	2.75	21.25	33.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/08/81-08/26/92	54	1.097	0.868	2.602	-0.301	0.426	0.653	0.	0.433	1.327	1.518
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			7.383								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/08/81-08/26/92	54	13.	30.231	620.	0.5	7142.969	84.516	1.	5.	28.	51.5

** - 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: AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/08/81-08/26/92	54	1.113	1.044	2.792	-0.301	0.353	0.594	0.	0.699	1.447	1.688
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			11.069								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/09/74-03/18/93	58 ##	2.	1.852	13.	0.1	3.084	1.756	0.5	1.	2.	2.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/09/76-03/18/93	46 ##	2.	4.665	148.	0.	467.591	21.624	0.5	1.	2.	2.
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	05/23/84-06/03/91	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	05/23/84-06/03/91	8 ##	0.008	0.006	0.01	0.	0.	0.004	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	05/23/84-06/03/91	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	05/23/84-06/03/91	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	05/23/84-06/03/91	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	05/23/84-06/03/91	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	05/23/84-06/03/91	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	05/23/84-06/23/88	5 ##	0.005	0.003	0.005	0.	0.	0.003	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	05/23/84-06/23/88	5 ##	0.005	0.003	0.005	0.	0.	0.003	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	05/23/84-06/23/88	5 ##	0.005	0.003	0.005	0.	0.	0.003	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	05/23/84-06/23/88	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	05/23/84-06/03/91	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/07/89-08/26/92	12	172.	173.25	189.	163.	76.75	8.761	163.3	165.	179.	188.7
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/23/84-06/23/88	5 ##	0.005	0.008	0.02	0.005	0.	0.007	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	05/23/84-06/23/88	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/23/84-06/23/88	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/23/84-06/23/88	5	0.04	0.074	0.17	0.03	0.003	0.059	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	05/23/84-06/23/88	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	05/23/84-06/23/88	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	05/23/84-06/03/91	8 ##	0.01	0.009	0.02	0.005	0.	0.005	**	**	**	**
39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	05/23/84-06/03/91	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	05/23/84-06/03/91	8 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-08/26/92	73	210.	214.151	328.	165.	692.296	26.312	188.	199.	221.5	248.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/08/81-04/05/83	9	218.	220.111	244.	201.	146.611	12.108	201.	213.	227.	244.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/81-08/26/92	53	82.	77.321	99.	16.	345.453	18.586	51.4	69.	92.	96.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/06/90-08/26/92	8 ##	0.005	0.007	0.02	0.005	0.	0.005	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/81-08/22/91	39 ##	0.05	0.178	5.	0.	0.628	0.793	0.05	0.05	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	10/08/81-08/03/82	4	0.15	0.15	0.2	0.1	0.003	0.058	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/84-06/03/91	8	0.175	0.199	0.37	0.11	0.007	0.085	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/84-06/03/91	8 ##	0.8	0.712	0.85	0.3	0.041	0.203	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/84-06/03/91	8 ##	0.485	0.525	0.81	0.2	0.063	0.252	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/84-06/03/91	8 ##	0.35	0.619	2.3	0.2	0.484	0.695	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/84-06/03/91	8 ##	0.2	0.175	0.2	0.1	0.001	0.038	**	**	**	**
72053	DAYS SINCE PRECIPITATION EVENT DAYS	03/11/91-03/18/93	4	10.	10.	10.	10.	0.	0.	**	**	**	**
74069	FLOW, ESTIMATED STREAM CFS	05/05/83-05/05/83	1	90.	90.	90.	90.	0.	0.	**	**	**	**
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	11/18/86-05/12/87	2	0.87	0.87	0.92	0.82	0.005	0.071	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	11/18/86-08/26/92	12	1.7	1.592	2.8	0.2	0.408	0.639	0.38	1.375	1.925	2.56
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	11/18/86-08/26/92	12 ##	0.3	0.267	0.3	0.2	0.002	0.049	0.2	0.2	0.3	0.3
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	11/18/86-08/26/92	12	1.4	1.383	2.	0.3	0.202	0.449	0.51	1.225	1.725	1.97
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	11/18/86-08/26/92	12 ##	0.3	0.3	0.6	0.2	0.011	0.104	0.2	0.225	0.3	0.51
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/08/81-08/26/92	53	12.	13.642	52.	2.	109.119	10.446	4.	6.	17.	26.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/08/81-08/03/82	6	12.5	13.467	22.	5.3	55.047	7.419	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/23/84-06/03/91	7	2.	2.	3.	1.	0.667	0.816	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/23/84-06/03/91	7	1.	1.	1.	1.	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	05/23/84-06/03/91	8 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	05/23/84-06/03/91	8	0.035	0.056	0.17	0.02	0.003	0.051	**	**	**	**
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	05/23/84-06/03/91	8 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: AMIS0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	38	0	0.00	11	0	0.00	27	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	52	1	0.02	17	1	0.06	35	0	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: AMIS0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	124	0	0.00	41	0	0.00	83	0	0.00						
00400	PH	Other-Hi Lim.	9.	117	0	0.00	39	0	0.00	78	0	0.00						
		Other-Lo Lim.	6.5	117	0	0.00	39	0	0.00	78	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	49	0	0.00	14	0	0.00	35	0	0.00						
		Other-Lo Lim.	6.5	49	0	0.00	14	0	0.00	35	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	29	0	0.00	9	0	0.00	20	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	14	0	0.00	6	0	0.00	8	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	57	2	0.04	18	0	0.00	39	2	0.05						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00	3	0	0.00	7	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	54	0	0.00	18	0	0.00	36	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	112	0	0.00	36	0	0.00	76	0	0.00						
		Drinking Water	250.	112	0	0.00	36	0	0.00	76	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	17	0	0.00	7	0	0.00	10	0	0.00						
		Drinking Water	250.	17	0	0.00	7	0	0.00	10	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	112	0	0.00	36	0	0.00	76	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	53	0	0.00	18	0	0.00	35	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	50.	39	0	0.00	15	0	0.00	24	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	43	0	0.00	17	0	0.00	26	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	4	0	0.00	2	0	0.00	2	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	35	0	0.00	13	0	0.00	22	0	0.00						
		Drinking Water	4.	35	0	0.00	13	0	0.00	22	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	39	1	0.03	15	0	0.00	24	1	0.04						
		Drinking Water	5.	39	0	0.00	15	0	0.00	24	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4	0	0.00	2	0	0.00	2	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	39	0	0.00	15	0	0.00	24	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	1300.	39	0	0.00	15	0	0.00	24	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	1300.	4	0	0.00	2	0	0.00	2	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	15.	39	0	0.00	15	0	0.00	24	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	15.	4	0	0.00	2	0	0.00	2	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	43	0	0.00	17	0	0.00	26	0	0.00						
		Drinking Water	100.	43	0	0.00	17	0	0.00	26	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	43	0	0.00	17	0	0.00	26	0	0.00						
		Drinking Water	100.	43	0	0.00	17	0	0.00	26	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	39	1	0.03	15	0	0.00	24	1	0.04						
		Drinking Water	5000.	39	0	0.00	15	0	0.00	24	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	4	2	0.50	2	1	0.50	2	1	0.50						
		Drinking Water	5000.	4	0	0.00	2	0	0.00	2	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	43	0	0.00	17	0	0.00	26	0	0.00						
		Drinking Water	50.	43	0	0.00	17	0	0.00	26	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						
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	10	0	0.00	5	0	0.00	5	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	50	1	0.02	15	1	0.07	35	0	0.00						
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	54	1	0.02	18	0	0.00	36	1	0.03						

& - 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: AMIS0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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	38 &	0	0.00	15	0	0.00	23	0	0.00						
		Drinking Water	2.	38 &	0	0.00	15	0	0.00	23	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00						
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	2	0	0.00				2	0	0.00						

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

Annual Analysis for 1973 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	2	15.5	15.5	17.	14.	4.5	2.121	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**

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

Annual Analysis for 1974 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	10	24.7	22.86	28.9	13.	29.258	5.409	13.14	19.425	26.975	28.79
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	9	10.	10.444	12.	9.	0.778	0.882	9.	10.	11.	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 AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	6	21.1	21.3	28.3	12.8	31.052	5.572	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	6	9.1	9.083	11.	7.	3.458	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 1976 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	4	19.45	20.1	25.	16.5	17.647	4.201	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	4	8.6	8.725	9.9	7.8	1.183	1.087	**	**	**	**

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

Annual Analysis for 1977 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	4	20.5	21.5	31.	14.	63.	7.937	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	4	9.25	9.375	10.4	8.6	0.763	0.873	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	4	17.	19.25	28.	15.	37.583	6.131	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	4	9.3	9.375	10.8	8.1	1.549	1.245	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	4	18.75	19.625	29.	12.	50.229	7.087	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	4	9.25	9.125	9.7	8.3	0.389	0.624	**	**	**	**

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

Annual Analysis for 1980 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	4	22.25	23.125	30.	18.	28.396	5.329	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	4	8.8	8.525	8.9	7.6	0.383	0.618	**	**	**	**

** - 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 1981 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	5	20.	20.66	29.	14.	32.778	5.725	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	5	8.9	8.94	11.2	7.4	2.108	1.452	**	**	**	**

** - 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

Annual Analysis for 1982 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	10	17.75	19.05	29.	12.	35.081	5.923	12.1	14.5	25.125	28.8
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	10	10.3	10.13	11.	7.9	0.738	0.859	8.09	10.025	10.575	10.98

** - 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

Annual Analysis for 1983 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	10	21.2	20.83	30.	13.	33.347	5.775	13.1	15.575	25.5	29.7
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	10	10.1	10.03	11.4	8.5	0.558	0.747	8.6	9.725	10.425	11.31

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

Annual Analysis for 1984 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	10	21.	20.54	28.5	11.	42.703	6.535	11.05	14.725	26.525	28.4
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	10	10.05	9.91	13.1	7.4	2.203	1.484	7.52	8.825	10.4	12.83

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	7	21.5	21.614	27.3	12.	28.508	5.339	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	7	12.	11.629	12.2	10.2	0.472	0.687	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	7	21.	22.457	26.5	17.	14.163	3.763	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	7	10.	9.771	10.2	8.4	0.406	0.637	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	7	19.	22.	29.	16.	31.583	5.62	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	7	10.2	10.071	10.8	8.5	0.636	0.797	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	6	24.25	21.7	27.8	11.9	42.172	6.494	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	6	10.2	9.9	10.5	8.6	0.472	0.687	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	5	21.	19.56	28.	10.	62.968	7.935	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	5	10.2	10.5	11.9	9.8	0.675	0.822	**	**	**	**

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

Annual Analysis for 1990 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	5	28.5	23.28	29.	13.5	58.292	7.635	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	5	10.	9.96	12.6	8.4	2.753	1.659	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	8	25.25	22.825	27.2	13.5	27.668	5.26	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	8	9.4	9.6	11.3	7.6	1.486	1.219	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	5	25.5	24.66	31.8	15.	37.103	6.091	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	5	8.5	8.8	10.6	7.7	1.235	1.111	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	2	22.8	22.8	28.8	16.8	72.	8.485	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	2	9.05	9.05	9.7	8.4	0.845	0.919	**	**	**	**

** - Less than 9 observations ## - Computed 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: 6/10 to 10/31 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	41	27.	26.744	31.8	17.	7.888	2.808	24.42	25.25	28.9	29.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/21/73-07/24/85	16	81.75	81.675	87.8	76.	13.646	3.694	76.7	78.	84.2	86.54
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/73-07/06/93	36	290.	343.056	1352.	127.	44973.883	212.07	180.5	216.	392.	518.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/73-11/13/80	11	5.	4.636	8.	2.	2.655	1.629	2.	4.	5.	7.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/81-08/26/92	17	1.7	56.412	920.	0.3	49530.672	222.555	0.38	1.1	4.15	192.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/21/73-07/06/93	20	349.	357.95	600.	175.	6216.892	78.847	282.	333.5	389.25	445.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/09/74-08/26/92	32	366.5	367.344	425.	300.	420.814	20.514	350.	357.25	380.	388.5
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	41	9.4	9.361	12.	7.	1.55	1.245	7.82	8.4	10.	11.32
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/08/81-03/18/93	5	106.	109.52	126.	102.9	87.037	9.329	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/81-08/26/92	18	0.8	0.867	1.4	0.1	0.12	0.346	0.46	0.7	1.125	1.4
00400	PH (STANDARD UNITS)	11/21/73-07/06/93	39	8.	8.017	8.7	7.5	0.075	0.273	7.6	7.8	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	11/21/73-07/06/93	39	8.	7.935	8.7	7.5	0.082	0.286	7.6	7.8	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/73-07/06/93	39	0.01	0.012	0.032	0.002	0.	0.007	0.005	0.006	0.016	0.025
00403	PH, LAB, STANDARD UNITS SU	01/09/74-12/08/87	14	8.25	8.186	8.4	7.6	0.044	0.211	7.8	8.075	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/09/74-12/08/87	14	8.247	8.125	8.4	7.6	0.048	0.22	7.8	8.075	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/09/74-12/08/87	14	0.006	0.008	0.025	0.004	0.	0.005	0.004	0.005	0.008	0.018
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/09/76-03/18/93	29	159.	159.	180.	138.	96.071	9.802	147.	150.5	166.	171.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/74-03/18/93	18	5.	5.917	16.	0.5	15.537	3.942	0.95	3.	10.	10.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/74-03/18/93	18	2.5	2.889	7.	0.5	4.869	2.207	0.5	0.875	5.	5.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/08/81-08/26/92	18	0.04	0.05	0.14	0.005	0.001	0.037	0.01	0.02	0.065	0.113
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/09/74-03/18/93	27	0.03	0.03	0.06	0.005	0.	0.017	0.009	0.01	0.05	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/10/85-08/26/92	9	0.01	0.012	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/09/74-03/18/93	18	1.21	1.269	2.2	0.52	0.197	0.444	0.61	1.01	1.558	2.02
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/08/81-03/18/93	17	0.5	0.517	1.3	0.1	0.118	0.343	0.1	0.25	0.75	1.06
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/08/81-08/26/92	18	1.3	1.222	1.7	0.1	0.118	0.344	0.91	1.1	1.5	1.52
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/09/74-07/24/85	12	0.03	0.056	0.24	0.01	0.004	0.064	0.012	0.03	0.06	0.201
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/09/74-07/24/85	13 ##	0.015	0.028	0.15	0.005	0.002	0.039	0.005	0.015	0.023	0.114
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/09/74-03/18/93	36	0.01	0.025	0.28	0.	0.002	0.047	0.005	0.005	0.03	0.046
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/08/81-08/26/92	18 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.011
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/09/74-03/18/93	36 ##	0.005	0.009	0.05	0.	0.	0.01	0.005	0.005	0.01	0.023
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-03/18/93	15	1.	2.06	8.	0.5	4.434	2.106	0.5	0.5	2.2	6.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/08/81-08/26/92	18	49.5	50.111	57.	45.	10.81	3.288	45.	47.75	53.	54.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/08/81-08/26/92	18	13.	13.278	15.	12.	0.683	0.826	12.	13.	14.	14.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/08/81-08/26/92	18	8.2	8.161	9.1	7.3	0.29	0.538	7.39	7.775	8.6	8.83
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/08/81-08/26/92	18	1.3	1.361	1.5	1.3	0.007	0.085	1.3	1.3	1.425	1.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/09/74-03/18/93	36	14.	17.5	111.	4.	306.486	17.507	11.	13.	15.75	17.9
00945	SULFATE, TOTAL (MG/L AS SO4)	01/09/74-03/18/93	36	8.	7.653	14.	0.5	7.726	2.78	2.5	7.25	9.	10.3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/08/81-08/26/92	18	0.3	0.356	1.	0.2	0.033	0.182	0.2	0.3	0.325	0.64
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/08/81-08/26/92	18	15.	14.944	16.	13.	1.114	1.056	13.	14.	16.	16.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/81-08/22/91	15	1.	0.933	2.	0.5	0.138	0.372	0.5	0.5	1.	1.4
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/81-08/26/92	17	110.	110.	130.	100.	75.	8.66	100.	100.	115.	122.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/26/82-08/22/91	13 ##	0.25	0.481	2.	0.25	0.255	0.505	0.25	0.25	0.5	1.6
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/81-08/22/91	15 ##	0.5	0.567	1.	0.5	0.031	0.176	0.5	0.5	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/81-08/22/91	15 ##	0.5	1.	5.	0.	1.536	1.239	0.3	0.5	1.	3.2
01035	COBALT, DISSOLVED (UG/L AS CO)	10/08/81-08/26/92	17 ##	1.5	1.441	1.5	0.5	0.059	0.243	1.3	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/81-08/22/91	15	1.	0.933	3.	0.	0.531	0.729	0.3	0.5	1.	2.4
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/81-08/26/92	17	6.	5.912	14.	1.5	12.789	3.576	1.5	3.	7.5	12.4
01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/81-08/22/91	15 ##	2.	1.833	6.	0.5	2.345	1.531	0.5	0.5	2.5	4.2
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/81-08/26/92	17	1.	1.382	3.	0.5	1.204	1.097	0.5	0.5	3.	3.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/26/82-08/26/92	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/08/81-08/26/92	17 ##	0.5	1.118	3.	0.	1.079	1.039	0.4	0.5	2.	3.
01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/81-08/26/92	17 ##	0.5	0.5	1.	0.	0.031	0.177	0.4	0.5	0.5	0.6
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/26/82-08/26/92	15	460.	471.333	530.	430.	712.381	26.69	442.	450.	490.	518.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/26/82-08/26/92	15	8.	8.533	10.	8.	0.41	0.64	8.	8.	9.	9.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/81-08/22/91	15	14.	16.4	63.	1.5	269.079	16.404	1.5	4.	21.	49.2
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/26/82-08/26/92	15 ##	5.	7.667	20.	5.	28.095	5.3	5.	5.	10.	20.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/26/82-08/26/92	15	8.	9.267	24.	2.	23.638	4.862	3.8	7.	10.	17.4
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/81-08/26/92	17 ##	0.5	0.5	1.	0.	0.031	0.177	0.4	0.5	0.5	0.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-03/18/93	15 ##	5.	37.233	300.	0.5	7436.245	86.234	0.8	1.	15.	230.4

** - 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: 6/10 to 10/31 - Station AMIS0023

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	09/11/74-03/18/93	15 ##	0.699	0.742	2.477	-0.301	0.664	0.815	-0.12	0.	1.176	2.35
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.52								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/08/81-08/26/92	18	22.5	23.472	88.	0.5	385.367	19.631	0.95	11.75	28.	43.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/08/81-08/26/92	18	1.351	1.161	1.944	-0.301	0.321	0.566	-0.03	1.061	1.444	1.616
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			14.488								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/08/81-08/26/92	18	28.	35.556	108.	2.	826.614	28.751	5.6	19.75	43.25	86.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/08/81-08/26/92	18	1.447	1.387	2.033	0.301	0.196	0.442	0.73	1.246	1.616	1.935
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			24.376								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/09/74-03/18/93	17 ##	2.	1.776	6.1	0.1	1.817	1.348	0.42	1.	2.	3.62
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/09/76-03/18/93	13 ##	1.	12.777	148.	0.1	1652.272	40.648	0.26	0.75	2.	90.8
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-08/26/92	23	210.	210.565	328.	165.	939.166	30.646	176.	197.	214.	235.2
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/81-08/26/92	17	84.	79.941	96.	51.	181.809	13.484	55.	72.	92.	94.4
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/81-08/22/91	15 ##	0.05	0.047	0.05	0.	0.	0.013	0.03	0.05	0.05	0.05
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/08/81-08/26/92	17	10.	13.647	37.	2.	96.118	9.804	3.6	5.5	20.5	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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/73-07/06/93	84	18.	18.705	28.5	10.	23.282	4.825	12.8	15.	22.8	26.1
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/21/73-07/24/85	37	64.2	65.741	83.	53.6	61.355	7.833	55.8	59.7	71.5	77.44
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/73-07/06/93	73	299.	308.233	781.	20.	16983.209	130.32	171.2	220.5	378.	468.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/73-11/13/80	27	5.	4.5	18.	0.	12.096	3.478	0.4	2.	5.	6.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/81-08/26/92	35	0.6	2.649	35.	0.1	38.339	6.192	0.26	0.5	2.	6.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/21/73-07/06/93	46	383.5	388.304	600.	210.	4579.994	67.676	313.3	351.75	420.	481.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/09/74-08/26/92	71	393.	396.155	525.	328.	1010.961	31.796	360.	380.	411.	427.4
00300	OXYGEN, DISSOLVED MG/L	11/21/73-07/06/93	83	10.2	10.006	13.1	7.3	1.274	1.129	8.6	9.4	10.5	11.26
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/08/81-03/18/93	9	110.	110.878	128.	99.9	80.134	8.952	99.9	103.	116.5	128.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/08/81-08/26/92	36	1.2	1.092	2.4	0.	0.351	0.593	0.1	0.5	1.5	1.73
00400	PH (STANDARD UNITS)	11/21/73-07/06/93	78	8.1	8.049	8.8	7.1	0.116	0.34	7.5	7.8	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	11/21/73-07/06/93	78	8.1	7.903	8.8	7.1	0.137	0.37	7.5	7.8	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/73-07/06/93	78	0.008	0.013	0.079	0.002	0.	0.013	0.004	0.005	0.016	0.032
00403	PH, LAB, STANDARD UNITS SU	01/09/74-12/08/87	35	8.2	8.146	8.5	7.4	0.038	0.195	8.	8.	8.2	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/09/74-12/08/87	35	8.2	8.09	8.5	7.4	0.041	0.202	8.	8.	8.2	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/09/74-12/08/87	35	0.006	0.008	0.04	0.003	0.	0.006	0.004	0.006	0.01	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/09/76-03/18/93	62	172.5	176.5	427.	124.	1219.107	34.916	153.3	168.	180.25	190.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/09/74-03/18/93	41	5.	6.098	40.	0.5	61.528	7.844	1.	2.	5.	11.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/09/74-03/18/93	41	2.5	3.646	25.	0.5	16.228	4.028	0.6	1.	5.	5.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/08/81-08/26/92	36	0.03	0.038	0.14	0.005	0.001	0.031	0.005	0.02	0.05	0.083
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/09/74-03/18/93	61	0.02	0.062	2.13	0.005	0.073	0.27	0.006	0.01	0.05	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/10/85-08/26/92	20 ##	0.008	0.011	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/09/74-03/18/93	39	1.65	10.185	219.	0.52	1518.784	38.972	0.98	1.32	2.05	2.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/08/81-03/18/93	37	0.4	0.432	1.1	0.1	0.074	0.273	0.1	0.2	0.625	0.9
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/08/81-08/26/92	36	1.55	1.564	3.9	0.6	0.248	0.498	1.1	1.3	1.7	1.93
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/09/74-07/24/85	31	0.05	0.077	0.38	0.015	0.009	0.096	0.015	0.015	0.06	0.234
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/09/74-07/24/85	36 ##	0.015	0.034	0.3	0.015	0.003	0.05	0.015	0.015	0.03	0.063
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/09/74-03/18/93	77	0.01	0.019	0.12	0.005	0.001	0.024	0.005	0.005	0.02	0.05
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/08/81-08/26/92	36 ##	0.005	0.009	0.07	0.005	0.	0.012	0.005	0.005	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/09/74-03/18/93	75 ##	0.005	0.011	0.1	0.005	0.	0.013	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-03/18/93	32	1.	2.219	13.	0.5	6.93	2.632	0.5	0.5	3.	5.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/08/81-08/26/92	35	54.	54.371	63.	43.	25.77	5.076	46.	51.	58.	61.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/08/81-08/26/92	35	14.	13.686	15.	12.	0.634	0.796	13.	13.	14.	15.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/08/81-08/26/92	35	8.4	8.363	9.2	7.5	0.187	0.433	7.72	8.1	8.7	8.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/08/81-08/26/92	35	1.3	1.357	1.6	1.1	0.015	0.124	1.2	1.3	1.4	1.54
00940	CHLORIDE,TOTAL IN WATER MG/L	01/09/74-03/18/93	76	14.	14.947	79.	3.	72.184	8.496	11.	12.25	15.	17.3
00945	SULFATE, TOTAL (MG/L AS SO4)	01/09/74-03/18/93	76	9.	8.572	13.	0.5	5.445	2.333	5.	8.	9.	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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/08/81-08/26/92	35	0.3	0.308	0.4	0.2	0.001	0.037	0.3	0.3	0.3	0.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/08/81-08/26/92	35	14.	13.829	16.	11.	1.499	1.224	12.	13.	15.	15.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/81-08/22/91	24	1.	0.896	2.	0.5	0.108	0.329	0.5	0.5	1.	1.
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/81-08/26/92	26	110.	116.077	270.	98.	1011.354	31.802	100.	110.	110.	120.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/26/82-08/22/91	22 ##	0.25	0.457	2.6	0.25	0.374	0.611	0.25	0.25	0.25	1.61
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/81-08/22/91	24 ##	0.5	0.792	4.	0.5	0.585	0.765	0.5	0.5	0.875	1.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/81-08/22/91	24 ##	0.5	1.604	20.	0.5	16.326	4.04	0.5	0.5	0.5	3.75
01035	COBALT, DISSOLVED (UG/L AS CO)	10/08/81-08/26/92	26 ##	1.5	1.462	1.5	0.5	0.038	0.196	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/81-08/22/91	24 ##	1.	1.188	5.	0.5	1.126	1.061	0.5	0.5	1.75	2.5
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/81-08/26/92	26	6.	8.904	66.	1.5	172.76	13.144	1.5	1.5	9.25	22.4
01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/81-08/22/91	24 ##	2.25	2.438	10.	0.5	5.746	2.397	0.5	0.5	2.5	6.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/81-08/26/92	26	1.	1.346	5.	0.5	1.395	1.181	0.5	0.5	2.	3.3
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/26/82-08/26/92	24 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/08/81-08/26/92	26 ##	1.	1.577	6.	0.5	2.614	1.617	0.5	0.5	2.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/81-08/26/92	26 ##	0.5	0.538	1.	0.5	0.018	0.136	0.5	0.5	0.5	0.65
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/26/82-08/26/92	24	490.	490.417	550.	420.	899.819	29.997	455.	470.	507.5	540.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/26/82-08/26/92	24	8.	8.375	11.	7.	0.853	0.924	7.	8.	9.	9.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/81-08/22/91	24	6.	15.875	160.	1.5	1100.571	33.175	1.5	1.875	10.75	46.5
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/26/82-08/26/92	24 ##	5.	5.625	10.	5.	2.853	1.689	5.	5.	5.	10.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/26/82-08/26/92	24	9.	9.75	17.	2.	11.413	3.378	7.	7.25	11.75	16.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/81-08/26/92	26 ##	0.5	0.558	1.	0.5	0.027	0.163	0.5	0.5	0.5	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-03/18/93	35	5.	15.714	150.	1.	854.387	29.23	1.	2.	16.	55.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-03/18/93	35	0.699	0.772	2.176	0.	0.336	0.58	0.	0.301	1.204	1.739
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.913								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/08/81-08/26/92	36	5.5	19.819	400.	0.5	4317.588	65.708	0.85	1.	15.75	22.3
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/08/81-08/26/92	36	0.739	0.722	2.602	-0.301	0.423	0.651	-0.09	0.	1.197	1.348
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			5.271								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/08/81-08/26/92	36	9.	27.569	620.	0.5	10393.131	101.947	1.	4.	15.75	28.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/08/81-08/26/92	36	0.954	0.873	2.792	-0.301	0.349	0.59	0.	0.602	1.197	1.456
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			7.459								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/09/74-03/18/93	41 ##	2.	1.883	13.	0.5	3.664	1.914	0.5	1.	2.	2.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/09/76-03/18/93	33 ##	2.	1.47	4.	0.	0.687	0.829	0.5	1.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-08/26/92	50	209.5	215.8	304.	176.	586.776	24.223	188.2	199.	232.5	248.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/81-08/26/92	36	81.5	76.083	99.	16.	425.221	20.621	49.8	62.75	92.	98.
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/81-08/22/91	24 ##	0.05	0.26	5.	0.05	1.019	1.01	0.05	0.05	0.05	0.1
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/08/81-08/26/92	36	12.	13.639	52.	3.	118.18	10.871	4.	6.5	16.5	25.9

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

Station Inventory for Station: AMIS0024

NPS Station ID: AMIS0024
LAT/LON: 29.676392/-101.002781
Agency: 11EPALES
Date Created: / /
Location: DEVILS RIVER
FIPS State/County: 48000 TEXAS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 4801C1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302
Depth of Water: 0
Aquifer:
Major Basin: T/AMISTAD LAKE
Elevation: 0
Water Body Id:
Minor Basin: RUBBOARD XING 10.5 MI E OF COMSTOCK
ECO Region:
RF1 Index: 13040302008
RF1 Mile Point: 4.830
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13040212001603.39
RF3 Mile Point: 7.35
Distance from RF3: 0.01
On/Off RF3:
Description:
RUBBOARD CROSSING 10.5 MI E OF COMSTOCK LU

Parameter Inventory for Station: AMIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/07/75	13	0.025	0.045	0.26	0.008	0.004	0.067	0.009	0.011	0.043	0.18
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	3	0.012	0.012	0.02	0.004	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	3	2.32	2.153	2.64	1.5	0.346	0.588	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/07/75	13	0.3	0.423	1.1	0.05	0.093	0.305	0.11	0.2	0.7	0.98
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/07/75	13	2.2	2.222	3.	1.5	0.136	0.369	1.652	1.975	2.4	2.856
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/07/75	13 ##	0.005	0.009	0.02	0.003	0.	0.006	0.004	0.005	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/07/75	13 ##	0.003	0.004	0.01	0.003	0.	0.002	0.003	0.003	0.005	0.008

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

EPA Water Quality Criteria Analysis for Station: AMIS0024

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-6/09----------			----------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.	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	4	0	0.00	9	0	0.00						

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

Station Inventory for Station: AMIS0025

NPS Station ID: AMIS0025
LAT/LON: 29.401392/-101.015281
Agency: 112WRD
Date Created: / /
Location: EIGHT MILE CREEK NR DEL RIO, TX
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 08451130
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13080001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/20/67-11/08/67	4	15.15	16.325	30.6	4.4	122.863	11.084	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/20/67-03/13/68	5	1500.	1638.	2220.	1050.	226520.	475.941	**	**	**	**
00400	PH (STANDARD UNITS)	01/20/67-03/13/68	5	7.2	7.22	7.5	7.	0.037	0.192	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/20/67-03/13/68	5	7.2	7.188	7.5	7.	0.038	0.196	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/67-03/13/68	5	0.063	0.065	0.1	0.032	0.001	0.026	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/20/67-03/13/68	5	79.	78.	100.	63.	235.5	15.346	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/20/67-03/13/68	5	96.	95.	122.	77.	348.	18.655	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/20/67-03/13/68	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/20/67-03/13/68	5	922.	1053.6	1500.	616.	131518.8	362.655	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/20/67-03/13/68	5	843.	973.2	1430.	516.	135325.7	367.866	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/20/67-11/08/67	4	401.5	389.25	532.	222.	19818.25	140.777	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/20/67-11/08/67	4	32.	30.	41.	15.	150.667	12.275	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/20/67-11/08/67	4	11.5	10.775	13.	7.1	6.669	2.582	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/20/67-11/08/67	4	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**
00932	SODIUM, PERCENT	01/20/67-11/08/67	4	1.5	1.75	3.	1.	0.917	0.957	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/20/67-09/07/67	3	3.6	3.6	4.1	3.1	0.25	0.5	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/20/67-03/13/68	5	14.	14.4	19.	10.	13.3	3.647	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/20/67-11/08/67	4	1011.	977.5	1410.	478.	172667.667	415.533	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/20/67-11/08/67	4	0.45	0.4	0.5	0.2	0.02	0.141	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/20/67-11/08/67	4	5.5	5.775	8.8	3.3	5.169	2.274	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/20/67-09/07/67	3	1810.	1563.333	2060.	820.	430033.333	655.769	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/08/67-11/08/67	1	1240.	1240.	1240.	1240.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/20/67-11/08/67	4	2.075	2.018	2.8	1.12	0.574	0.757	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/20/67-11/08/67	4	1.	3.75	13.	0.	38.677	6.219	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------6/10-10/31---------- Obs	Exceed	Prop.	----------11/01-6/09---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	5	0	0.00	1	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	4	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	1	0	0.00	4	0	0.00						
		Drinking Water	250.	5	0	0.00	1	0	0.00	4	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: AMIS0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	4	1.00	1	1	1.00	3	3	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	1	0	0.00	3	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	0	0.00	1	0	0.00	3	0	0.00						

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

Station Inventory for Station: AMIS0026

NPS Station ID: AMIS0026 LAT/LON: 29.401392/-101.015281 Agency: 21TXWQB Date Created: 04/29/95
Location: EIGHT MILE CREEK NEAR DEL RIO@ TEX E WITH RIO GR FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13114
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13080001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13080001 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
EIGHT MILE CREEK NEAR DEL RIO@ TEX E WITH RIO GRANDE@WHICH IS 17.5 KM U STREAM OF US 277 BRIDGE IN DEL RIO

Parameter Inventory for Station: AMIS0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/88-06/21/88	2	21.8	21.8	28.6	15.	92.48	9.617	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/21/88-06/21/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/14/88-06/21/88	2	16.	16.	19.	13.	18.	4.243	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/14/88-06/21/88	2	648.	648.	673.	623.	1250.	35.355	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/14/88-06/21/88	2	685.	685.	700.	670.	450.	21.213	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/14/88-06/21/88	2	8.4	8.4	9.7	7.1	3.38	1.838	**	**	**	**
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	03/14/88-06/21/88	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	03/14/88-06/21/88	2	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	03/14/88-06/21/88	2	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	03/14/88-06/21/88	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
00400	PH (STANDARD UNITS)	03/14/88-03/14/88	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/14/88-03/14/88	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/14/88-03/14/88	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/14/88-06/21/88	2	8.	8.	8.2	7.8	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/14/88-06/21/88	2	7.955	7.955	8.2	7.8	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/14/88-06/21/88	2	0.011	0.011	0.016	0.006	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/14/88-06/21/88	2	152.5	152.5	155.	150.	12.5	3.536	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/88-06/21/88	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/14/88-06/21/88	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/14/88-06/21/88	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/14/88-06/21/88	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/14/88-06/21/88	2	0.505	0.505	0.64	0.37	0.036	0.191	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/14/88-06/21/88	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/14/88-06/21/88	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/14/88-06/21/88	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	03/14/88-06/21/88	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/14/88-06/21/88	2	61.	61.	61.	61.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/14/88-06/21/88	2	66.5	66.5	72.	61.	60.5	7.778	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/14/88-06/21/88	2	31.5	31.5	45.	18.	364.5	19.092	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/14/88-06/21/88	2	1.454	1.454	1.653	1.255	0.079	0.281	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.46								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/14/88-06/21/88	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/14/88-06/21/88	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/14/88-06/21/88	2	378.	378.	382.	374.	32.	5.657	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	2	0	0.00	1	0	0.00	1	0	0.00						
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Station Inventory for Station: AMIS0027

NPS Station ID: AMIS0027 LAT/LON: 29.392781/-101.019726 Agency: 21TXWQB Date Created: 04/29/95
Location: MCKEE SPRING@APPROXIMATELY 100 METERS UPSTREAM O FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): 13132
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13080001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13080001 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
MCKEE SPRING@APPROXIMATELY 100 METERS UPSTREAM OF CONFLUENCE WITH RIO G ANDE WHICH IS 13.0 KM UPSTREAM OF US 277 BRIDGE IN DEL RIO

Parameter Inventory for Station: AMIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/88-06/21/88	2	25.25	25.25	25.5	25.	0.125	0.354	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/21/88-06/21/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/14/88-03/14/88	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/14/88-06/21/88	2	918.5	918.5	931.	906.	312.5	17.678	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/14/88-06/21/88	2	1008.	1008.	1050.	966.	3528.	59.397	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/14/88-06/21/88	2	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	03/14/88-06/21/88	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	03/14/88-06/21/88	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	03/14/88-06/21/88	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	03/14/88-06/21/88	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
00400	PH (STANDARD UNITS)	03/14/88-03/14/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/14/88-03/14/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/14/88-03/14/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/14/88-06/21/88	2	7.6	7.6	7.7	7.5	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/14/88-06/21/88	2	7.589	7.589	7.7	7.5	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/14/88-06/21/88	2	0.026	0.026	0.032	0.02	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/14/88-06/21/88	2	176.	176.	188.	164.	288.	16.971	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/14/88-06/21/88	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/14/88-06/21/88	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/14/88-06/21/88	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/14/88-06/21/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/14/88-06/21/88	2	0.685	0.685	0.69	0.68	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/14/88-06/21/88	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/14/88-06/21/88	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/14/88-06/21/88	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	03/14/88-06/21/88	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/14/88-06/21/88	2	71.	71.	71.	71.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/14/88-06/21/88	2	163.	163.	163.	163.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/14/88-06/21/88	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/14/88-06/21/88	2 ##	-0.151	-0.151	0.	-0.301	0.045	0.213	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.707								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/14/88-06/21/88	2 ##	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/14/88-06/21/88	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/14/88-06/21/88	2	543.	543.	562.	524.	722.	26.87	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	2	2	1.00	1	1	1.00	1	1	1.00						
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Station Inventory for Station: AMIS0028

NPS Station ID: AMIS0028
LAT/LON: 29.393059/-101.020838
Agency: 112WRD
Date Created: 02/28/78
Location: YR-71-40-903 (MCKEE SPRINGS)
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 292335101011501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13080001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/70-04/11/91	20	25.	24.875	25.5	23.5	0.26	0.51	24.05	24.5	25.	25.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/70-04/11/91	21	810.	796.381	938.	679.	3618.048	60.15	695.8	751.	829.	859.2
00400	PH (STANDARD UNITS)	11/04/70-04/11/91	20	7.6	7.6	8.1	7.2	0.047	0.218	7.3	7.5	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	11/04/70-04/11/91	20	7.6	7.551	8.1	7.2	0.05	0.223	7.3	7.5	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/04/70-04/11/91	20	0.025	0.028	0.063	0.008	0.	0.014	0.013	0.02	0.032	0.05
00403	PH, LAB, STANDARD UNITS SU	11/05/80-04/11/91	7	7.6	7.657	7.8	7.6	0.006	0.079	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/05/80-04/11/91	7	7.6	7.651	7.8	7.6	0.006	0.079	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/05/80-04/11/91	7	0.025	0.022	0.025	0.016	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	11/04/70-05/07/80	13	9.6	9.777	19.	2.9	19.37	4.401	3.66	5.7	12.	17.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/04/70-04/11/91	20	197.	192.5	213.	140.	190.895	13.816	186.1	190.	199.25	200.
00440	BICARBONATE ION (MG/L AS HCO3)	11/04/70-05/07/80	13	240.	236.615	260.	170.	442.923	21.046	194.	240.	244.	253.6
00445	CARBONATE ION (MG/L AS CO3)	07/10/70-05/07/80	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/11/91-04/11/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/11/91-04/11/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/04/70-05/01/75	3	1.6	1.567	1.9	1.2	0.123	0.351	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/02/78-04/11/91	7	0.8	0.786	1.	0.6	0.018	0.135	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/11/91-04/11/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/04/70-11/04/81	16	340.	331.875	350.	250.	562.917	23.726	299.	325.	340.	350.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/04/70-11/04/81	16	140.	136.875	150.	110.	116.25	10.782	117.	130.	140.	150.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/04/70-04/11/91	20	120.	116.25	120.	84.	73.461	8.571	110.	113.25	120.	120.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/04/70-04/11/91	20	10.	10.045	11.	8.8	0.334	0.578	9.24	9.825	10.	11.
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/04/70-04/11/91	16	42.	38.813	63.	12.	184.029	13.566	17.6	28.25	49.25	55.3
00931	SODIUM ADSORPTION RATIO	11/04/70-11/04/81	12	0.85	0.817	1.1	0.3	0.078	0.279	0.36	0.55	1.1	1.1
00932	SODIUM, PERCENT	05/02/78-05/02/78	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/02/78-05/02/78	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/70-04/11/91	21	55.	51.476	84.	19.	287.262	16.949	22.6	38.5	62.5	73.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/70-04/11/91	15	150.	145.867	180.	130.	141.981	11.916	130.	140.	150.	162.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/04/70-04/11/91	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/04/70-04/11/91	10	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	04/11/91-04/11/91	1	187.	187.	187.	187.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/04/70-11/08/79	5	472.	473.4	510.	423.	1311.8	36.219	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/02/78-05/02/78	1	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	20	0	0.00				20	0	0.00						
		Other-Lo Lim.	6.5	20	0	0.00				20	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	7	0	0.00				7	0	0.00						
		Other-Lo Lim.	6.5	7	0	0.00				7	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00				3	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	7	0	0.00				7	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	21	0	0.00	1	0	0.00	20	0	0.00						
		Drinking Water	250.	21	0	0.00	1	0	0.00	20	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	15	0	0.00	1	0	0.00	14	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	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

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/70-04/11/91	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/70-04/11/91	1	679.	679.	679.	679.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/10/70-05/07/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/70-04/11/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/70-04/11/91	1	140.	140.	140.	140.	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/70-04/11/91	19	25.	24.868	25.5	23.5	0.273	0.523	24.	24.5	25.	25.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/70-04/11/91	20	816.5	802.25	938.	686.	3047.039	55.2	735.6	760.	830.	861.6
00400	PH (STANDARD UNITS)	11/04/70-04/11/91	20	7.6	7.6	8.1	7.2	0.047	0.218	7.3	7.5	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	11/04/70-04/11/91	20	7.6	7.551	8.1	7.2	0.05	0.223	7.3	7.5	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/04/70-04/11/91	20	0.025	0.028	0.063	0.008	0.	0.014	0.013	0.02	0.032	0.05
00405	CARBON DIOXIDE (MG/L AS CO2)	11/04/70-05/07/80	13	9.6	9.777	19.	2.9	19.37	4.401	3.66	5.7	12.	17.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/04/70-04/11/91	20	197.	192.5	213.	140.	190.895	13.816	186.1	190.	199.25	200.
00440	BICARBONATE ION (MG/L AS HCO3)	11/04/70-05/07/80	13	240.	236.615	260.	170.	442.923	21.046	194.	240.	244.	253.6
00445	CARBONATE ION (MG/L AS CO3)	07/10/70-05/07/80	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/04/70-11/04/81	16	340.	331.875	350.	250.	562.917	23.726	299.	325.	340.	350.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/04/70-11/04/81	16	140.	136.875	150.	110.	116.25	10.782	117.	130.	140.	150.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/04/70-04/11/91	20	120.	116.25	120.	84.	73.461	8.571	110.	113.25	120.	120.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/04/70-04/11/91	20	10.	10.045	11.	8.8	0.334	0.578	9.24	9.825	10.	11.
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/04/70-04/11/91	16	42.	38.813	63.	12.	184.029	13.566	17.6	28.25	49.25	55.3
00931	SODIUM ADSORPTION RATIO	11/04/70-11/04/81	12	0.85	0.817	1.1	0.3	0.078	0.279	0.36	0.55	1.1	1.1
00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/70-04/11/91	20	55.	53.05	84.	19.	247.629	15.736	33.1	40.	62.75	73.5
00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/70-04/11/91	14	150.	146.286	180.	130.	150.066	12.25	130.	139.5	150.	165.
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/04/70-04/11/91	10	14.	14.	14.	14.	0.	0.	14.	14.	14.	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 Inventory for Station: AMIS0029

NPS Station ID: AMIS0029 LAT/LON: 29.527781/-101.023893 Agency: 21TEXWR Date Created: 11/16/78
Location: AMISTAD RESERVOIR AT BUOY CCD FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): IMS21-6
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302 Depth of Water: 999 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040302003 RF1 Mile Point: 19.420 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13040302000511.41 RF3 Mile Point: 11.41 Distance from RF3: 0.01 On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR AT BUOY CCD

Parameter Inventory for Station: AMIS0029

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)	02/20/74-02/20/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	1	52.	52.	52.	52.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	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: AMIS0030

NPS Station ID: AMIS0030 LAT/LON: 29.487504/-101.025005 Agency: 21TEXWR Date Created: 10/06/79
Location: AMISTAD RESERVOIR PARK BOUY DRC 5MI NO OF DAM FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 23050300 /2309 2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040302002 RF1 Mile Point: 4.570 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13040212001603.23 RF3 Mile Point: 3.23 Distance from RF3: 0.50 On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	172	20.	19.678	30.6	9.5	26.647	5.162	11.6	16.325	24.5	26.1
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	159	68.	68.033	87.	50.	80.14	8.952	54.5	63.	77.	79.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-05/02/78	30	5.	7.2	25.	1.	25.614	5.061	2.	5.	10.	10.9
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-05/02/78	7	192.	198.857	240.	148.	990.476	31.472	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	175	890.	888.8	1600.	425.	23042.517	151.798	710.	800.	980.	1000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-08/17/77	17	915.	934.353	1176.	744.	15463.368	124.352	747.2	862.	1023.	1131.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-02/07/78	129	7.8	8.178	10.3	4.	1.867	1.366	6.9	7.3	9.4	10.
00300	OXYGEN, DISSOLVED MG/L	10/04/72-05/02/78	25	9.	8.016	10.2	3.5	4.801	2.191	3.8	7.	10.	10.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-07/11/73	4	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	116	8.1	8.105	8.7	7.2	0.051	0.227	7.9	7.9	8.275	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	116	8.1	8.04	8.7	7.2	0.056	0.236	7.9	7.9	8.275	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	116	0.008	0.009	0.063	0.002	0.	0.007	0.004	0.005	0.013	0.013
00403	PH, LAB, STANDARD UNITS SU	10/04/72-08/17/77	17	8.3	8.235	8.5	7.9	0.032	0.18	7.98	8.1	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-08/17/77	17	8.3	8.2	8.5	7.9	0.034	0.184	7.98	8.1	8.4	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-08/17/77	17	0.005	0.006	0.013	0.003	0.	0.003	0.003	0.004	0.008	0.011
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-08/17/77	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/12/75-02/12/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-08/17/77	16	10.	10.063	11.	10.	0.063	0.25	10.	10.	10.	10.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-08/17/77	13	10.	9.846	10.	8.	0.308	0.555	8.8	10.	10.	10.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-08/17/77	17	0.1	0.101	0.2	0.02	0.001	0.032	0.084	0.1	0.1	0.12
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-08/17/77	17	0.35	0.344	1.	0.03	0.059	0.243	0.094	0.14	0.46	0.688
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-08/17/77	17	0.03	0.035	0.06	0.03	0.	0.01	0.03	0.03	0.035	0.06
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-08/17/77	13	0.03	0.031	0.04	0.03	0.	0.003	0.03	0.03	0.03	0.036
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-08/17/77	16	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.015
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-08/17/77	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-08/18/76	10	6.	5.6	8.	2.	3.6	1.897	2.2	4.	7.25	8.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-08/17/77	17	90.	91.588	129.	60.	529.632	23.014	61.6	71.	115.	127.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-08/17/77	18	166.	165.944	203.	116.	633.585	25.171	130.4	147.75	185.25	200.3
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-05/02/78	14	2.	1.929	2.	1.	0.071	0.267	1.5	2.	2.	2.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-05/02/78	14	0.301	0.28	0.301	0.	0.006	0.08	0.151	0.301	0.301	0.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.903								
32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	08/17/77-08/17/77	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	01/17/73-08/17/77	16	0.004	0.004	0.006	0.002	0.	0.001	0.003	0.004	0.004	0.005
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	162	444.	444.728	800.	213.	6091.777	78.05	355.	400.	496.25	500.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-08/17/77	1	595.	595.	595.	595.	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-05/02/78	6	182.5	172.5	186.	125.	561.9	23.704	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	30	0	0.00	13	0	0.00	17	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	129	1	0.01	47	1	0.02	82	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	25	3	0.12	13	3	0.23	12	0	0.00						
00400	PH	Other-Hi Lim.	9.	116	0	0.00	34	0	0.00	82	0	0.00						
		Other-Lo Lim.	6.5	116	0	0.00	34	0	0.00	82	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	17	0	0.00	8	0	0.00	9	0	0.00						
		Other-Lo Lim.	6.5	17	0	0.00	8	0	0.00	9	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	17	0	0.00	8	0	0.00	9	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	17	0	0.00	8	0	0.00	9	0	0.00						
		Drinking Water	250.	17	0	0.00	8	0	0.00	9	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	18	0	0.00	8	0	0.00	10	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	0	0.00	4	0	0.00	10	0	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 1972 - Station AMIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	2	24.7	24.7	25.	24.4	0.18	0.424	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	2	76.5	76.5	77.	76.	0.5	0.707	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	3	575.	533.333	600.	425.	8958.333	94.648	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	3	288.	267.	300.	213.	2223.	47.149	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	32	18.9	19.891	27.2	10.	24.845	4.985	11.83	17.2	24.725	26.1
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	32	66.	67.813	81.	50.	80.415	8.967	53.3	63.	76.5	79.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	35	800.	829.857	1400.	650.	23462.479	153.175	690.	750.	830.	968.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-02/07/78	13	8.7	7.815	9.4	5.5	1.911	1.383	5.62	6.65	9.	9.28
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	7	8.3	8.3	8.7	8.	0.063	0.252	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	7	8.3	8.243	8.7	8.	0.067	0.259	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	7	0.005	0.006	0.01	0.002	0.	0.003	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	35	400.	415.	700.	325.	5860.882	76.556	345.2	375.	415.	484.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	53	21.1	21.109	30.6	12.5	17.741	4.212	15.5	18.1	25.	26.06
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	53	70.	69.989	87.	54.5	57.388	7.576	59.9	64.6	77.	78.92
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	47	840.	855.532	1600.	590.	39732.863	199.331	608.	720.	900.	972.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-02/07/78	32	9.	8.431	10.	6.9	1.018	1.009	7.13	7.3	9.	9.85
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	18	7.9	7.894	8.3	7.2	0.059	0.244	7.56	7.875	7.9	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	18	7.9	7.816	8.3	7.2	0.066	0.257	7.56	7.875	7.9	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	18	0.013	0.015	0.063	0.005	0.	0.013	0.005	0.013	0.013	0.029
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	47	420.	427.787	800.	295.	9932.997	99.664	304.	360.	450.	486.

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

Annual Analysis for 1975 - Station AMIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	22	18.5	18.236	25.7	11.5	27.769	5.27	11.6	11.6	23.75	25.64
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	22	65.3	64.823	78.3	52.7	89.98	9.486	52.9	52.9	74.75	78.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	21	1000.	935.	1010.	780.	9600.	97.98	781.	790.	1000.	1000.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-02/07/78	22	7.6	7.932	10.	4.4	2.438	1.561	5.42	7.3	9.725	9.87
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	22	8.2	8.123	8.2	7.8	0.013	0.115	7.9	8.1	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	22	8.2	8.106	8.2	7.8	0.014	0.116	7.9	8.1	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	22	0.006	0.008	0.016	0.006	0.	0.003	0.006	0.006	0.008	0.013
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	21	500.	467.524	505.	390.	2396.262	48.952	390.6	395.	500.	500.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	22	20.3	19.768	26.9	12.8	30.156	5.491	12.8	13.	25.55	26.77
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	22	68.5	67.568	80.4	55.	97.775	9.888	55.	55.4	77.95	80.17
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	28	995.	948.75	1050.	840.	4340.046	65.879	859.5	872.5	1000.	1002.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-02/07/78	28	7.7	7.954	9.6	4.1	1.889	1.374	6.59	7.2	9.3	9.5
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	28	8.1	8.068	8.3	7.7	0.028	0.168	7.88	7.9	8.2	8.21
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	28	8.1	8.034	8.3	7.7	0.029	0.171	7.88	7.9	8.2	8.21
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	28	0.008	0.009	0.02	0.005	0.	0.004	0.006	0.006	0.013	0.013
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	28	497.5	474.464	525.	420.	1078.776	32.845	429.8	436.25	500.	501.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	28	20.5	19.639	27.5	11.	29.52	5.433	11.58	14.125	23.625	27.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	21	68.	66.748	81.5	51.8	127.567	11.295	52.58	53.7	80.15	80.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	28	957.5	970.179	1150.	900.	3910.152	62.531	900.	925.	996.25	1100.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-02/07/78	28	7.5	8.082	10.3	4.	2.059	1.435	7.17	7.3	9.425	10.3
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	28	8.25	8.193	8.4	7.7	0.052	0.228	7.9	7.9	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	28	8.247	8.131	8.4	7.7	0.056	0.236	7.9	7.9	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	28	0.006	0.007	0.02	0.004	0.	0.004	0.004	0.004	0.013	0.013
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	21	478.	487.667	575.	450.	1287.933	35.888	450.	461.5	500.	550.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	13	16.	14.923	21.5	9.5	29.16	5.4	9.5	9.5	20.5	21.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	7	68.	67.229	70.7	60.8	11.996	3.463	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	13	920.	870.769	950.	780.	5291.026	72.739	780.	795.	935.	950.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-02/07/78	6	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	13	8.3	8.154	8.4	7.9	0.061	0.247	7.9	7.9	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	13	8.3	8.091	8.4	7.9	0.065	0.256	7.9	7.9	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	13	0.005	0.008	0.013	0.004	0.	0.004	0.004	0.004	0.013	0.013
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	7	465.	467.143	475.	460.	40.476	6.362	**	**	**	**

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

Station Inventory for Station: AMIS0031

NPS Station ID: AMIS0031
LAT/LON: 29.491670/-101.025005
Agency: 21TEXWR
Date Created: 11/16/78
Location: RESERVOIR AT BUOY DRC
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): IMS21-2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13040302002
RF1 Mile Point: 4.570
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13040302004900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR AT BUOY DRC

Parameter Inventory for Station: AMIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

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

Station Inventory for Station: AMIS0032

NPS Station ID: AMIS0032 LAT/LON: 29.487504/-101.025005 Agency: 21TXWQB Date Created: 07/23/94
Location: AMISTAD RESERVOIR AT NATIONAL PARK BUOY DRC@ 5 M FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 13212 /2305.0300 /2305.3000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13040302 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
AMISTAD RESERVOIR AT NATIONAL PARK BUOY DRC@ 5 MILES NORTH OF DAM

Parameter Inventory for Station: AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	237	20.	19.483	30.6	9.	30.731	5.544	11.6	14.85	25.	26.92
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	161	66.	66.291	87.	48.2	105.995	10.295	51.8	57.2	77.	80.56
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-08/21/79	35	5.	4.943	25.	0.	27.114	5.207	0.	2.	5.	10.4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-03/17/88	21	168.	159.333	240.	60.	2431.733	49.313	72.4	142.	192.	225.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/19/90-07/08/93	7	3.	3.107	4.	2.5	0.3	0.548	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/04/92-10/13/92	3	339.	322.667	380.	249.	4490.333	67.01	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	237	992.	1029.633	7059.	425.	186069.021	431.357	800.	900.	1100.	1252.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-03/17/88	35	990.	1052.4	1727.	744.	50829.247	225.453	790.4	895.	1157.	1442.4
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	222	7.9	7.78	10.8	0.1	4.946	2.224	4.43	7.075	9.5	10.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/04/92-10/13/92	3	91.8	91.5	97.	85.7	31.99	5.656	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-07/11/73	4 ##	0.625	0.625	1.	0.25	0.188	0.433	**	**	**	**
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	157	8.2	8.164	8.9	7.2	0.071	0.267	7.8	7.9	8.3	8.4
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	157	8.2	8.076	8.9	7.2	0.079	0.281	7.8	7.9	8.3	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	157	0.006	0.008	0.063	0.001	0.	0.007	0.004	0.005	0.013	0.016
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/05/93	37	8.2	8.132	8.5	7.5	0.059	0.244	7.7	8.	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/05/93	37	8.2	8.057	8.5	7.5	0.065	0.256	7.7	8.	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/05/93	37	0.006	0.009	0.032	0.003	0.	0.006	0.004	0.005	0.01	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-07/05/93	30	127.5	129.067	154.	108.	147.513	12.145	116.	118.75	137.5	149.6
00480	SALINITY - PARTS PER THOUSAND	03/04/92-03/04/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	05/15/79-05/15/79	1	95000.	95000.	95000.	95000.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/05/93	48 ##	5.	4.25	11.	0.5	4.957	2.227	1.	2.5	5.	6.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/05/93	44 ##	3.5	3.318	8.	0.5	4.141	2.035	0.5	1.25	5.	5.
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	05/15/79-05/15/79	1	730.	730.	730.	730.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/05/93	49 ##	0.04	0.04	0.2	0.005	0.001	0.032	0.01	0.01	0.05	0.06
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/05/89-07/05/93	6 ##	0.008	0.024	0.1	0.005	0.001	0.038	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/05/93	46	0.4	0.374	1.	0.005	0.036	0.189	0.127	0.205	0.488	0.593
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/86-07/05/93	12	0.4	0.411	0.7	0.2	0.023	0.153	0.209	0.3	0.5	0.67
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/04/92-03/04/92	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-11/13/84	28	0.03	0.033	0.21	0.015	0.001	0.037	0.015	0.015	0.03	0.06
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-11/13/84	24 ##	0.015	0.017	0.04	0.005	0.	0.007	0.015	0.015	0.015	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/05/93	45	0.01	0.016	0.07	0.005	0.	0.014	0.005	0.01	0.02	0.034
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	05/15/79-05/15/79	1	1160.	1160.	1160.	1160.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/05/93	40 ##	0.008	0.009	0.04	0.	0.	0.008	0.005	0.005	0.01	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/05/93	36	3.	3.814	14.	0.5	6.424	2.535	2.	2.	5.	7.3
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/05/93	48	112.5	116.354	207.	60.	1220.574	34.937	74.2	94.	129.	177.1
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/17/73-02/25/77	22	92.5	92.	150.	10.	839.333	28.971	61.5	75.	111.25	124.4

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

Parameter Inventory for Station: AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/05/93	48	208.	210.417	310.	116.	2215.227	47.066	149.7	173.5	239.	284.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/79-05/15/79	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/15/79-05/15/79	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/79-05/15/79	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/79-05/15/79	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/79-05/15/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/79-05/15/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/15/79-05/15/79	1	610.	610.	610.	610.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/79-05/15/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	05/15/79-05/15/79	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/79-05/15/79	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/15/79-05/15/79	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	36 ##	5.	3.375	9.	0.	5.263	2.294	0.5	1.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	36 ##	0.699	0.381	0.954	-0.301	0.171	0.414	-0.301	0.	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.406								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/05/93	42 ##	2.	1.673	6.	0.5	1.07	1.034	0.5	1.	2.	2.546
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/17/77-07/05/93	26 ##	1.	1.285	8.4	0.	2.526	1.589	0.	0.5	2.	2.
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	05/15/79-05/15/79	1 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	05/15/79-05/15/79	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/15/79-05/15/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/15/79-05/15/79	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/15/79-05/15/79	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/15/79-05/15/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/15/79-05/15/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/15/79-05/15/79	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-05/15/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	05/15/79-05/15/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/15/79-05/15/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/13/84	9	595.	611.	748.	516.	5384.	73.376	516.	549.	665.	748.
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/79-05/15/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-12/09/87	12	141.	149.75	186.	114.	894.75	29.912	115.8	121.25	183.75	185.7

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EPA Water Quality Criteria Analysis for Station: AMIS0032

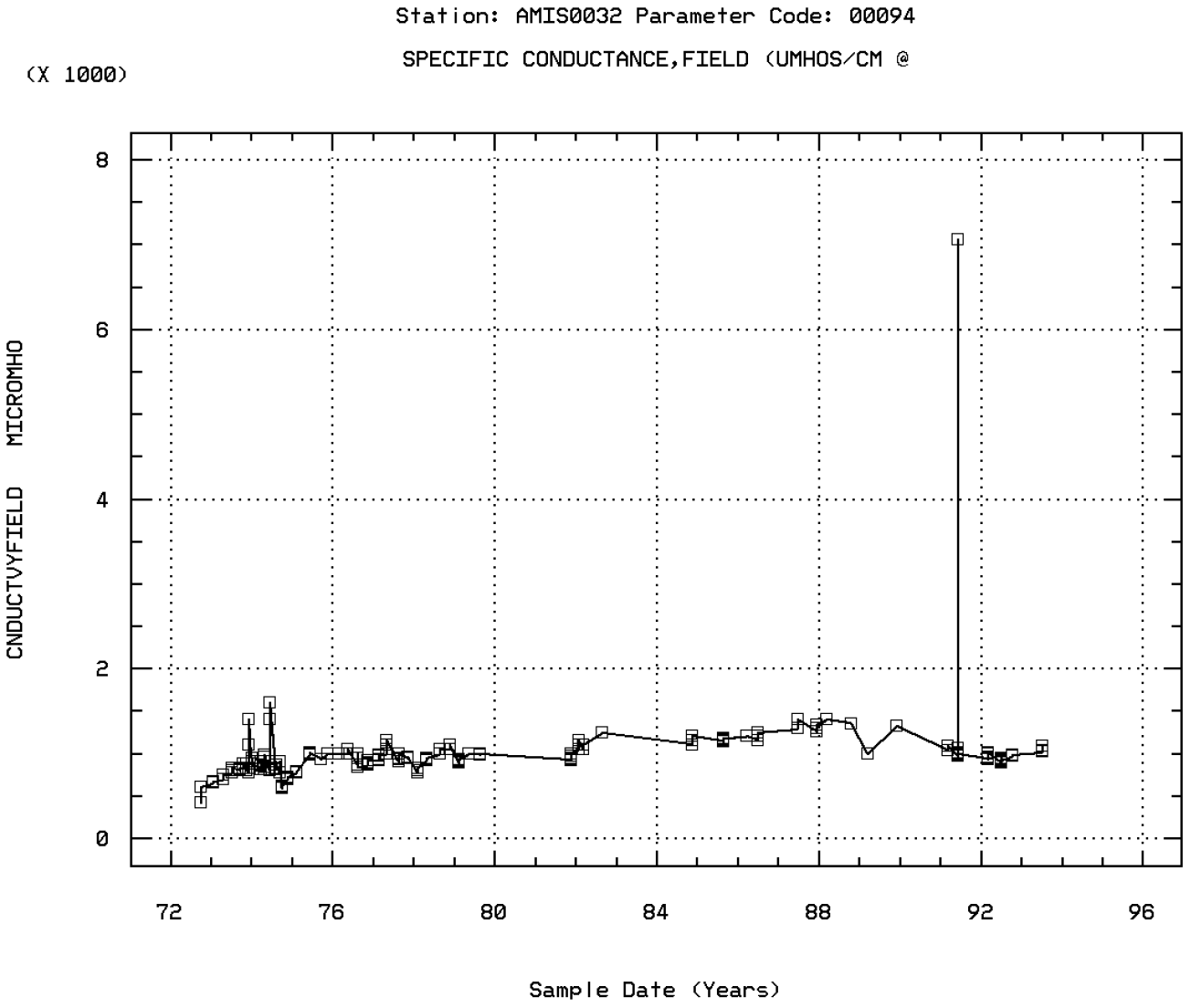
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	35	0	0.00	15	0	0.00	20	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	222	16	0.07	96	16	0.17	126	0	0.00						
00400	PH	Other-Hi Lim.	9.	157	0	0.00	61	0	0.00	96	0	0.00						
		Other-Lo Lim.	6.5	157	0	0.00	61	0	0.00	96	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	37	0	0.00	14	0	0.00	23	0	0.00						
		Other-Lo Lim.	6.5	37	0	0.00	14	0	0.00	23	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	3	0	0.00	3	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	46	0	0.00	18	0	0.00	28	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.	48	0	0.00	19	0	0.00	29	0	0.00						
		Drinking Water	250.	48	0	0.00	19	0	0.00	29	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	22	0	0.00	9	0	0.00	13	0	0.00						
		Drinking Water	250.	22	0	0.00	9	0	0.00	13	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	48	11	0.23	18	4	0.22	30	7	0.23						

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

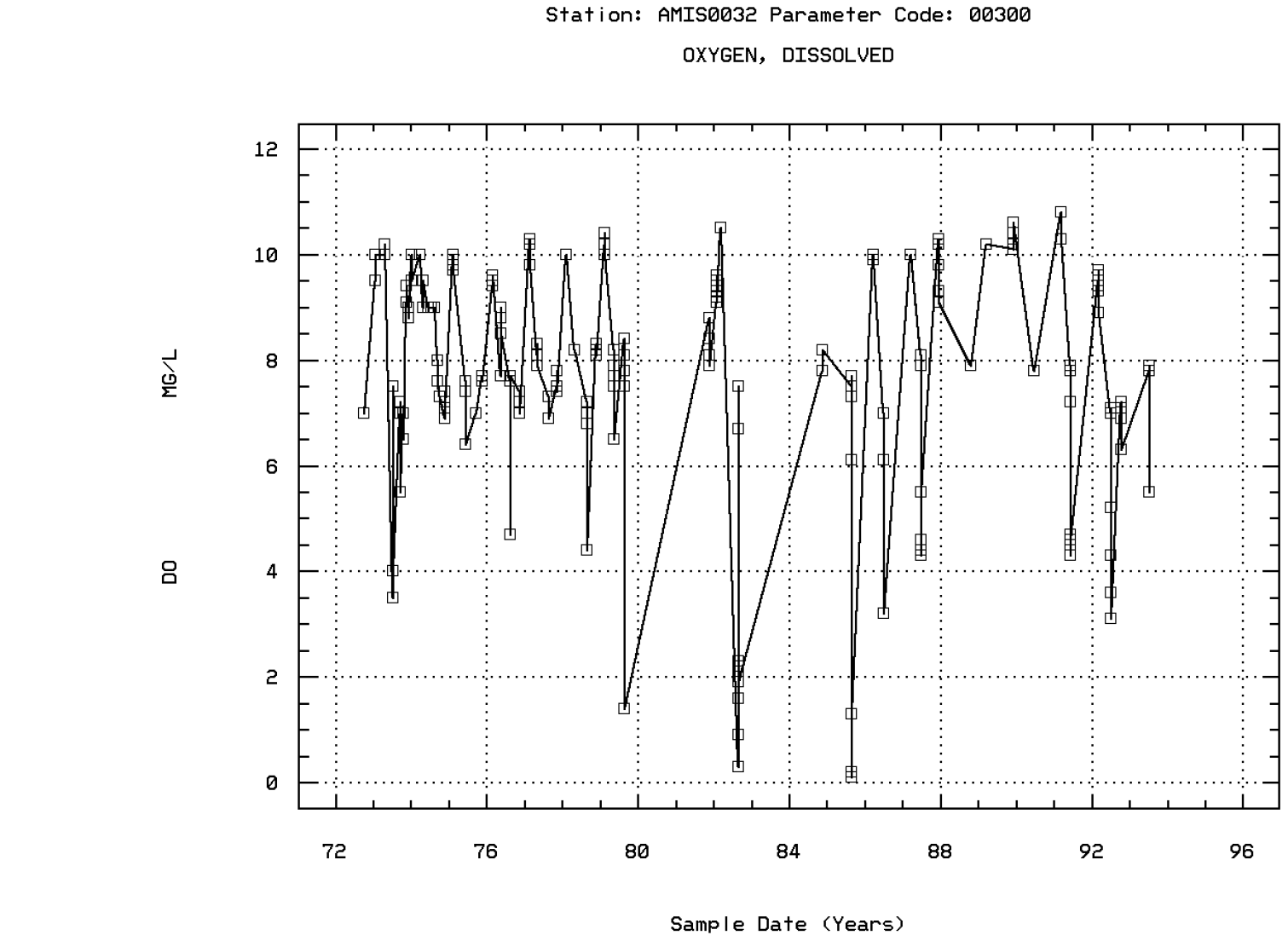
EPA Water Quality Criteria Analysis for Station: AMIS0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	36	0	0.00	14	0	0.00	22	0	0.00						

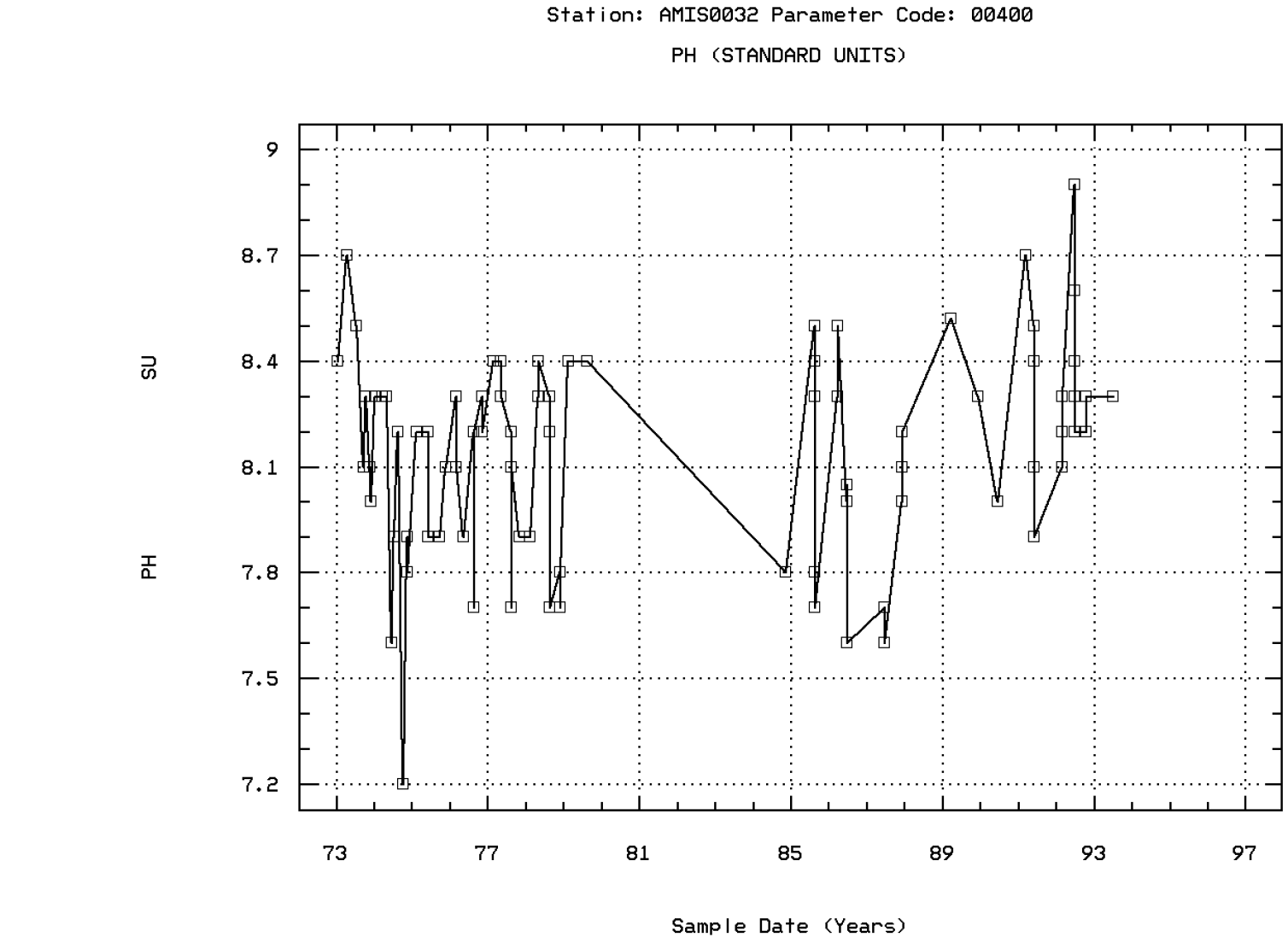
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



AMISTAD RESERVOIR AT NATIONAL PARK BUOY



AMISTAD RESERVOIR AT NATIONAL PARK BUOY



AMISTAD RESERVOIR AT NATIONAL PARK BUOY

Annual Analysis for 1972 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	2	512.5	512.5	600.	425.	15312.5	123.744	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	2	7.	7.	7.	7.	0.	0.	**	**	**	**

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Annual Analysis for 1973 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	18	18.35	19.839	27.2	10.	28.17	5.308	10.	17.2	25.275	26.21
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	18	65.	67.5	81.	50.	90.147	9.495	50.	62.5	77.	79.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	21	800.	834.762	1400.	650.	25031.19	158.212	680.	762.5	855.	1056.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	17	8.8	7.906	10.2	3.5	4.514	2.125	3.9	6.75	9.75	10.2
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.3	8.3	8.7	8.	0.063	0.252	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.3	8.243	8.7	8.	0.067	0.259	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	7	0.005	0.006	0.01	0.002	0.	0.003	**	**	**	**

** - 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

Annual Analysis for 1974 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	34	20.6	20.412	30.6	11.	26.571	5.155	12.	15.975	25.	26.4
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	33	69.	68.467	87.	51.8	81.315	9.018	54.2	61.3	77.	78.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	29	850.	864.138	1600.	590.	42601.909	206.402	610.	750.	900.	980.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	23	9.	8.665	10.	6.9	1.124	1.06	7.14	7.4	9.5	10.
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	13	7.9	7.931	8.3	7.2	0.096	0.309	7.36	7.85	8.25	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	13	7.9	7.811	8.3	7.2	0.111	0.333	7.36	7.85	8.25	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	13	0.013	0.015	0.063	0.005	0.	0.015	0.005	0.006	0.014	0.048

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Annual Analysis for 1975 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	13	18.5	18.715	25.7	11.6	30.81	5.551	11.6	12.1	25.	25.7
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	13	65.3	65.277	78.3	52.7	95.412	9.768	52.78	53.8	75.85	78.3
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	13	1000.	928.077	1010.	780.	10081.41	100.406	782.	790.	1000.	1006.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	11	7.6	8.245	10.	6.4	1.757	1.325	6.52	7.4	9.8	9.98
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	13	8.2	8.123	8.2	7.9	0.012	0.109	7.9	8.1	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	13	8.2	8.109	8.2	7.9	0.012	0.11	7.9	8.1	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	13	0.006	0.008	0.013	0.006	0.	0.002	0.006	0.006	0.008	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 box-and-whisker plot

Annual Analysis for 1976 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	13	20.6	19.923	26.9	12.8	31.35	5.599	12.8	13.	25.9	26.86
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	13	68.	67.615	80.4	55.	101.691	10.084	55.	55.4	78.6	80.32

** - 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

Annual Analysis for 1976 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	16	995.	951.875	1050.	840.	4406.25	66.38	854.	881.25	1000.	1015.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	16	7.7	8.025	9.6	4.7	1.662	1.289	6.31	7.25	9.3	9.53
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.15	8.088	8.3	7.7	0.03	0.175	7.84	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.147	8.052	8.3	7.7	0.032	0.178	7.84	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	16	0.007	0.009	0.02	0.005	0.	0.004	0.005	0.006	0.013	0.015

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

Annual Analysis for 1977 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	16	20.75	19.956	27.5	11.4	30.505	5.523	11.68	14.25	25.125	27.15
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	16	68.9	67.238	81.5	51.8	96.657	9.831	52.57	57.425	74.575	80.87
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	16	960.	981.563	1150.	900.	4542.396	67.397	914.	931.25	1000.	1115.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	15	7.8	8.253	10.3	6.9	1.536	1.239	7.14	7.3	9.8	10.3
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.25	8.181	8.4	7.7	0.06	0.246	7.84	7.9	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.247	8.112	8.4	7.7	0.065	0.256	7.84	7.9	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	16	0.006	0.008	0.02	0.004	0.	0.005	0.004	0.004	0.013	0.015

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

Annual Analysis for 1978 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	15	18.5	18.867	27.5	9.5	34.802	5.899	9.5	17.5	21.5	27.2
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	15	64.4	65.58	81.5	49.1	114.995	10.724	49.1	61.	70.7	81.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	15	1000.	970.	1100.	780.	11328.571	106.436	792.	920.	1050.	1100.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	11	8.2	8.018	10.	4.4	2.822	1.68	4.88	7.	10.	10.
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	15	7.9	8.047	8.4	7.7	0.074	0.272	7.7	7.8	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	15	7.9	7.972	8.4	7.7	0.08	0.283	7.7	7.8	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	15	0.013	0.011	0.02	0.004	0.	0.006	0.004	0.005	0.016	0.02

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

Annual Analysis for 1979 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	14	20.75	18.857	27.	9.	47.632	6.902	9.25	10.375	26.5	27.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	14	66.45	64.85	81.	48.2	152.398	12.345	48.65	50.675	78.35	80.8
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	15	990.	966.667	1000.	890.	1838.095	42.873	896.	920.	1000.	1000.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	14	8.	7.986	10.4	1.4	5.084	2.255	3.95	7.5	10.05	10.3
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	5	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	5	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	5	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**

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

Annual Analysis for 1981 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	4	18.5	18.625	19.	18.5	0.063	0.25	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	4	65.3	65.525	66.2	65.3	0.203	0.45	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	5	950.	952.	990.	920.	820.	28.636	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	4	8.25	8.3	8.8	7.9	0.153	0.392	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	24	12.25	15.313	28.	11.	38.952	6.241	11.	11.	16.625	28.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	24	54.05	59.075	82.4	51.8	116.423	10.79	51.8	51.8	60.35	82.4
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	24	1150.	1158.333	1250.	1050.	7101.449	84.27	1050.	1100.	1250.	1250.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	21	9.1	6.505	10.5	0.3	13.571	3.684	1.04	2.15	9.5	9.6

** - 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 1984 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	4	20.	20.	20.	20.	0.	0.	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	4	68.	68.	68.	68.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	4	1150.	1150.	1200.	1100.	1666.667	40.825	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	4	8.2	8.1	8.2	7.8	0.04	0.2	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	4	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	4	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	4	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	6	27.4	26.15	28.	21.3	6.731	2.594	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	6	81.35	79.083	82.4	70.3	22.03	4.694	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	6	1169.5	1166.	1180.	1141.	264.4	16.26	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	7	6.1	4.314	7.7	0.1	12.915	3.594	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	6	8.35	8.2	8.5	7.7	0.128	0.358	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	6	8.347	8.07	8.5	7.7	0.148	0.385	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	6	0.004	0.009	0.02	0.003	0.	0.007	**	**	**	**

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

Annual Analysis for 1986 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	9	24.	21.289	26.5	15.5	27.916	5.284	15.5	15.8	26.25	26.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	9	1200.	1188.889	1250.	1150.	1111.111	33.333	1150.	1150.	1200.	1250.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	9	7.	7.8	10.	3.2	5.613	2.369	3.2	6.55	10.	10.
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	8	8.175	8.131	8.5	7.6	0.078	0.279	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	8	8.157	8.044	8.5	7.6	0.086	0.294	**	**	**	**

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Annual Analysis for 1986 - Station AMIS0032

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	01/17/73-07/08/93	8	0.007	0.009	0.025	0.003	0.	0.007	**	**	**	**

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

Annual Analysis for 1987 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	18	16.6	17.572	27.	14.	17.047	4.129	14.	14.5	17.75	27.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	13	1300.	1319.231	1400.	1260.	2422.859	49.223	1261.6	1297.5	1365.5	1400.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	20	9.55	8.295	10.3	4.3	5.301	2.302	4.31	6.1	10.	10.18
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.1	7.986	8.2	7.6	0.058	0.241	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.1	7.923	8.2	7.6	0.063	0.25	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	7	0.008	0.012	0.025	0.006	0.	0.007	**	**	**	**

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

Annual Analysis for 1988 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	2	18.6	18.6	24.	13.2	58.32	7.637	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	2	1375.5	1375.5	1401.	1350.	1300.5	36.062	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	1	7.9	7.9	7.9	7.9	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 box-and-whisker plot

Annual Analysis for 1989 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	5	16.1	15.84	16.9	13.7	1.538	1.24	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	5	1326.	1261.4	1329.	1000.	21356.8	146.14	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	5	10.2	10.3	10.6	10.1	0.04	0.2	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	5	8.3	8.344	8.52	8.3	0.01	0.098	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	5	8.3	8.336	8.52	8.3	0.01	0.099	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	5	0.005	0.005	0.005	0.003	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	1	27.6	27.6	27.6	27.6	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

Annual Analysis for 1991 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	9	19.1	20.389	26.	14.1	20.474	4.525	14.1	16.75	25.5	26.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	10	1002.5	1617.4	7059.	972.	3656990.489	1912.326	973.1	986.75	1063.5	6462.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	9	7.2	6.9	10.8	4.3	6.415	2.533	4.3	4.55	9.1	10.8
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	9	8.1	8.2	8.7	7.9	0.105	0.324	7.9	7.9	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	9	8.1	8.105	8.7	7.9	0.115	0.339	7.9	7.9	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	9	0.008	0.008	0.013	0.002	0.	0.005	0.002	0.003	0.013	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 box-and-whisker plot

Annual Analysis for 1992 - Station AMIS0032

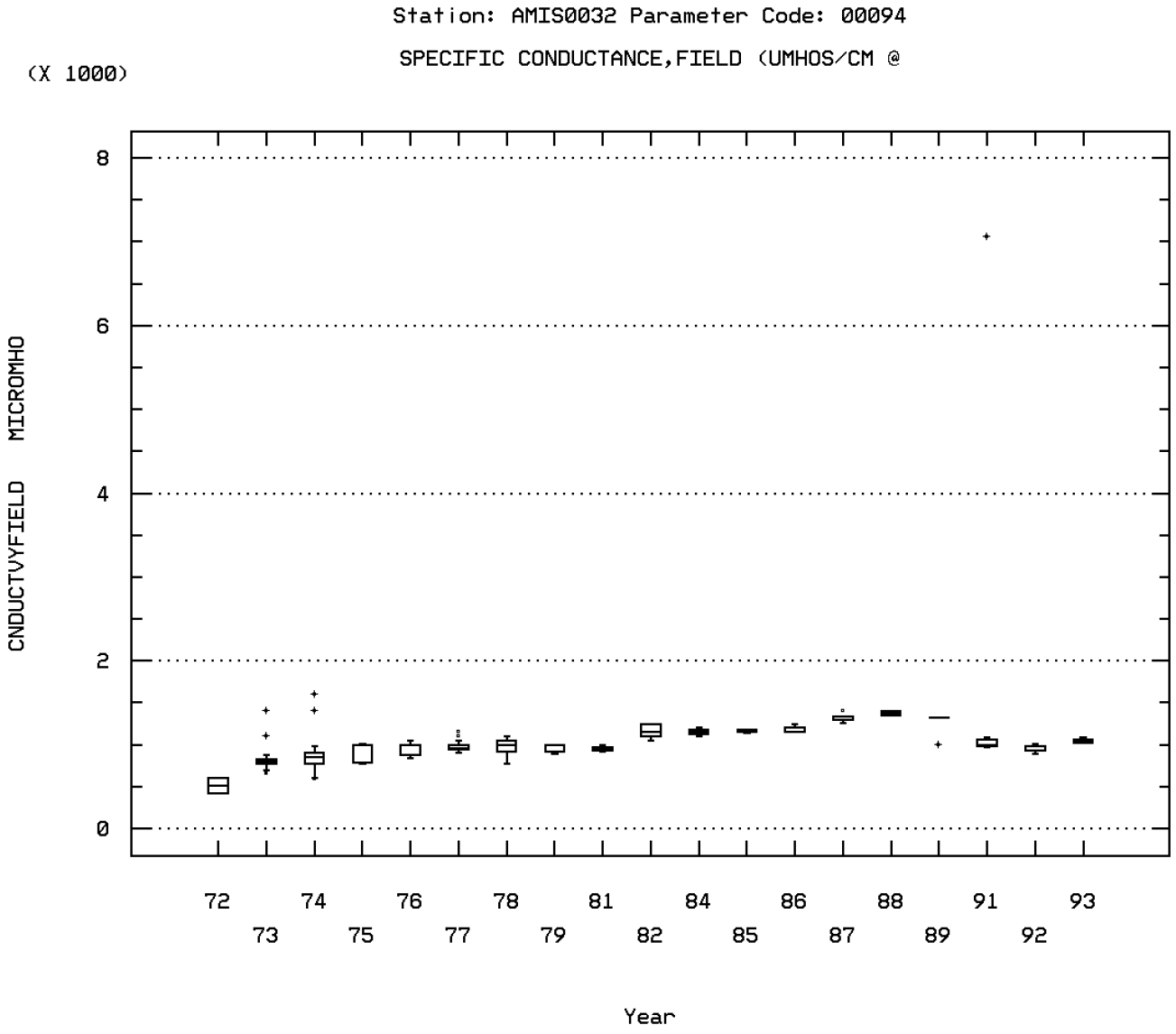
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	28	23.35	20.707	28.3	12.8	26.881	5.185	13.3	14.85	23.975	28.21
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	28	978.	962.5	1012.	885.	1437.444	37.914	898.8	933.75	987.5	1008.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	28	7.2	7.489	9.7	3.1	3.423	1.85	4.23	7.	9.4	9.61
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	30	8.3	8.347	8.9	8.1	0.042	0.205	8.2	8.275	8.3	8.87
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	30	8.3	8.312	8.9	8.1	0.043	0.208	8.2	8.275	8.3	8.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	30	0.005	0.005	0.008	0.001	0.	0.002	0.001	0.005	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 box-and-whisker plot

Annual Analysis for 1993 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	3	26.2	26.233	26.3	26.2	0.003	0.058	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	4	1029.5	1042.5	1084.	1027.	768.333	27.719	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	4	7.85	7.275	7.9	5.5	1.403	1.184	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	2	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	2	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	2	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

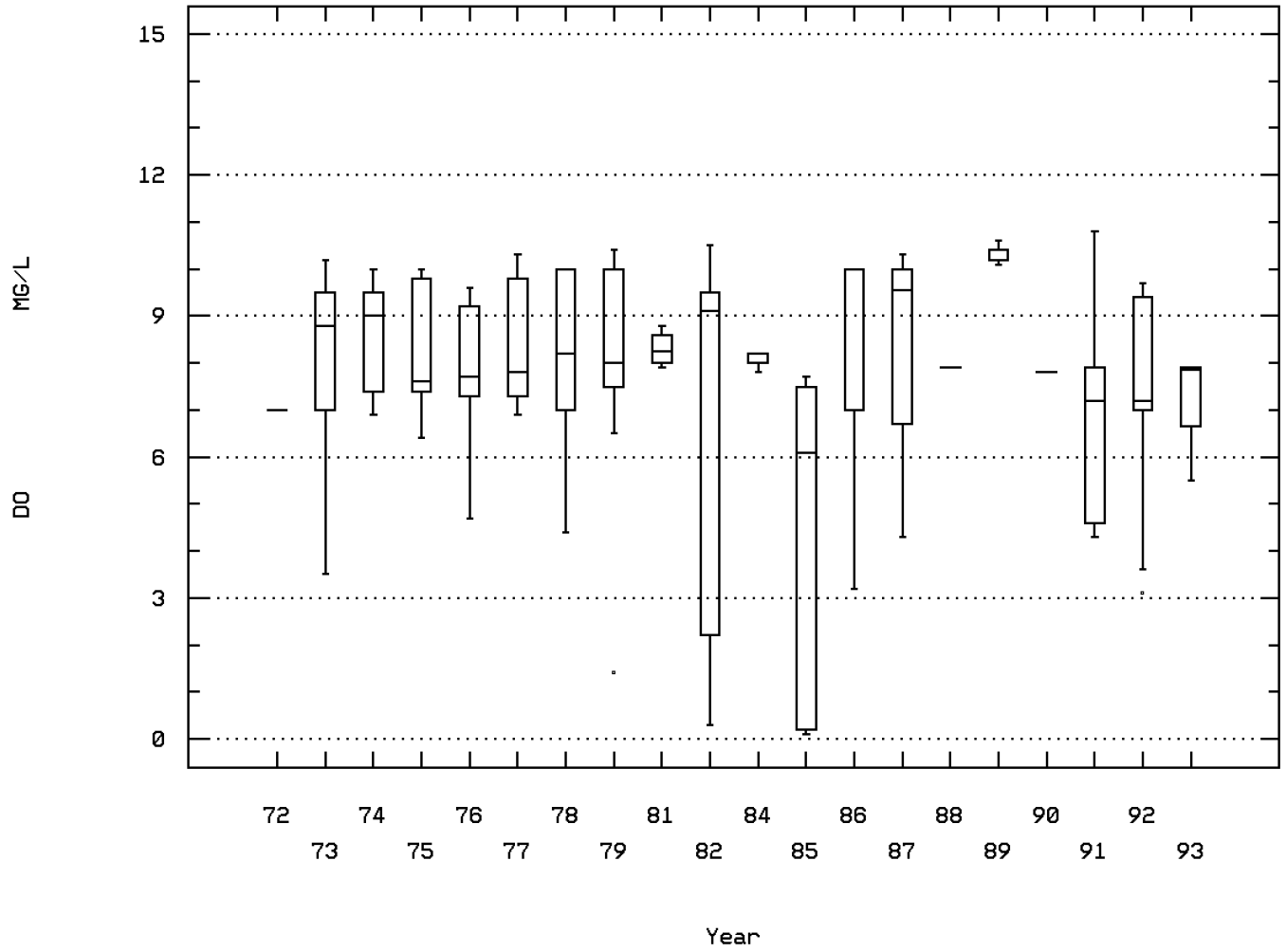
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



AMISTAD RESERVOIR AT NATIONAL PARK BUOY

Station: AMIS0032 Parameter Code: 00300

OXYGEN, DISSOLVED



AMISTAD RESERVOIR AT NATIONAL PARK BUOY

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	100	25.2	24.275	30.6	14.	12.819	3.58	18.19	23.325	26.775	27.6
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	64	77.3	75.459	87.	57.2	50.123	7.08	62.6	73.55	80.55	81.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-08/21/79	15	5.	4.667	11.	0.	9.095	3.016	0.	2.	5.	10.4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-03/17/88	6	144.	125.	156.	68.	1337.2	36.568	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	100	987.	1023.1	1600.	425.	42357.02	205.808	801.	900.	1180.	1300.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-03/17/88	12	957.5	967.167	1220.	748.	18031.788	134.282	763.6	891.25	1039.5	1202.6
00300	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	96	7.05	6.235	9.	0.1	4.991	2.234	2.17	5.275	7.6	8.1
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	61	8.2	8.16	8.9	7.2	0.103	0.321	7.7	7.95	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	61	8.2	8.032	8.9	7.2	0.12	0.346	7.7	7.95	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	61	0.006	0.009	0.063	0.001	0.	0.009	0.003	0.005	0.011	0.02
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/05/93	14	8.25	8.179	8.5	7.5	0.09	0.299	7.55	8.1	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/05/93	14	8.247	8.058	8.5	7.5	0.105	0.324	7.55	8.1	8.4	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/05/93	14	0.006	0.009	0.032	0.003	0.	0.009	0.003	0.004	0.008	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-07/05/93	12	120.	125.083	154.	108.	224.447	14.982	108.3	116.25	134.5	153.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/05/93	19 ##	5.	4.368	11.	0.5	5.635	2.374	0.5	2.5	5.	6.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/05/93	16 ##	4.5	3.625	8.	0.5	5.217	2.284	0.5	1.	5.	6.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/05/93	19 ##	0.04	0.037	0.08	0.005	0.	0.02	0.01	0.02	0.05	0.06
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/05/93	18	0.33	0.295	0.6	0.015	0.024	0.154	0.101	0.16	0.413	0.456
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-11/13/84	11	0.03	0.027	0.06	0.015	0.	0.014	0.015	0.015	0.03	0.056
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-11/13/84	9 ##	0.015	0.017	0.03	0.005	0.	0.008	0.005	0.015	0.023	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/05/93	18	0.01	0.017	0.06	0.005	0.	0.015	0.005	0.01	0.02	0.042
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/05/93	16	0.01	0.012	0.04	0.	0.	0.011	0.004	0.005	0.01	0.033
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/05/93	13	3.	3.654	8.	0.5	5.308	2.304	1.1	2.	5.5	7.6
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/05/93	19	118.	116.368	187.	62.	1031.135	32.111	75.	90.	129.	172.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/05/93	18	203.	210.	310.	116.	2849.059	53.377	133.1	172.75	246.5	286.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	14 ##	3.	2.821	5.	0.	5.177	2.275	0.25	0.5	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	14 ##	0.349	0.285	0.699	-0.301	0.197	0.443	-0.151	-0.301	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.927								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/05/93	16 ##	2.	1.643	3.	0.5	0.621	0.788	0.5	1.	2.	2.846
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/17/77-07/05/93	10 ##	0.75	0.85	2.	0.	0.503	0.709	0.	0.375	1.25	2.
72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-12/09/87	3	132.	145.667	185.	120.	1196.333	34.588	**	**	**	**

** - 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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	137	16.1	15.985	26.	9.	14.789	3.846	11.	12.7	18.5	21.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	97	63.	60.241	72.	48.2	50.745	7.124	51.62	52.9	66.	69.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-08/21/79	20	5.	5.15	25.	0.	41.713	6.459	0.	0.25	5.	18.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-03/17/88	15	180.	173.067	240.	60.	2289.067	47.844	81.6	144.	204.	232.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	137	1000.	1034.401	7059.	650.	291996.771	540.367	789.	910.	1094.5	1200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-03/17/88	23	1085.	1096.87	1727.	744.	63508.391	252.009	809.6	895.	1176.	1546.8
00300	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	126	9.45	8.957	10.8	4.3	1.723	1.313	7.34	8.1	10.	10.2
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	96	8.2	8.166	8.7	7.7	0.052	0.228	7.87	7.9	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	96	8.2	8.107	8.7	7.7	0.056	0.236	7.87	7.9	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	96	0.006	0.008	0.02	0.002	0.	0.004	0.004	0.005	0.013	0.014
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/05/93	23	8.1	8.104	8.4	7.7	0.042	0.206	7.78	7.9	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/05/93	23	8.1	8.056	8.4	7.7	0.045	0.211	7.78	7.9	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/05/93	23	0.008	0.009	0.02	0.004	0.	0.005	0.004	0.005	0.013	0.017
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-07/05/93	18	130.	131.722	150.	116.	87.742	9.367	118.7	125.5	139.5	146.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/05/93	29 ##	5.	4.172	10.	0.5	4.683	2.164	1.	2.5	5.	7.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/05/93	28 ##	2.75	3.143	6.	0.5	3.608	1.9	0.5	1.25	5.	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/05/93	30 ##	0.045	0.042	0.2	0.01	0.001	0.038	0.01	0.01	0.05	0.078
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/05/93	28	0.425	0.425	1.	0.005	0.038	0.195	0.15	0.333	0.555	0.612
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-11/13/84	17	0.03	0.037	0.21	0.015	0.002	0.047	0.015	0.015	0.035	0.09
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-11/13/84	15 ##	0.015	0.017	0.04	0.015	0.	0.006	0.015	0.015	0.015	0.025

** - Less than 9 observations ## - Computed 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 6/09 - Station AMIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/05/93	27	0.01	0.016	0.07	0.005	0.	0.013	0.005	0.01	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/05/93	24 ##	0.005	0.007	0.01	0.	0.	0.003	0.005	0.005	0.01	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/05/93	23	3.	3.904	14.	1.8	7.301	2.702	2.	2.	4.	7.2
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/05/93	29	110.	116.345	207.	60.	1385.948	37.228	67.	95.5	129.	178.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/05/93	30	209.5	210.667	293.	132.	1919.885	43.816	152.3	172.5	241.5	273.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	22 ##	5.	3.727	9.	0.5	5.232	2.287	0.65	1.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	22 ##	0.699	0.443	0.954	-0.301	0.153	0.392	-0.211	0.	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.772								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/05/93	26 ##	2.	1.692	6.	0.5	1.382	1.175	0.5	1.	2.	2.6
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/17/77-07/05/93	16 ##	1.	1.556	8.4	0.	3.704	1.925	0.35	0.625	2.	3.92
72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-12/09/87	9	150.	151.111	186.	114.	922.861	30.379	114.	122.5	182.5	186.

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

Station Inventory for Station: AMIS0033

NPS Station ID: AMIS0033 LAT/LON: 29.416642/-101.033310 Agency: 21TXWQB Date Created: 07/23/94
Location: RIO GRANDE BELOW AMISTAD DAM NORTHWEST OF DEL RI FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13209 /2304.0380 /2304.3800
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13080001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13080001 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
RIO GRANDE BELOW AMISTAD DAM NORTHWEST OF DEL RIO

Parameter Inventory for Station: AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	156	18.5	17.526	26.5	0.	22.413	4.734	11.	14.	20.65	23.15
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/72-08/08/73	20	64.5	63.4	79.	40.	101.516	10.076	46.8	57.	68.	77.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	132	1735.	2403.795	13200.	47.	5408127.584	2325.538	283.	1052.5	3005.	4716.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/72-08/08/73	20	12.5	17.	40.	5.	140.526	11.854	5.	5.	30.	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/10/72-11/25/85	21	775.	820.952	1160.	600.	36486.548	191.015	604.	650.	987.5	1136.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	145	1140.	1168.166	1500.	825.	26084.042	161.506	986.2	1040.	1329.	1380.
00300	OXYGEN, DISSOLVED MG/L	01/13/72-11/25/85	25	9.5	9.348	12.5	6.5	2.538	1.593	7.74	8.	10.5	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/13/72-11/25/85	13	1.	1.038	2.	0.25	0.425	0.652	0.25	0.5	1.75	2.
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	153	8.	7.98	9.5	7.1	0.064	0.253	7.7	7.8	8.1	8.2
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	153	8.	7.917	9.5	7.1	0.068	0.261	7.7	7.8	8.1	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	153	0.01	0.012	0.079	0.	0.	0.008	0.006	0.008	0.016	0.02
00403	PH, LAB, STANDARD UNITS SU	01/13/72-11/25/85	13	8.2	8.138	8.3	7.8	0.036	0.189	7.8	8.	8.3	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/13/72-11/25/85	13	8.2	8.096	8.3	7.8	0.038	0.194	7.8	8.	8.3	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/72-11/25/85	13	0.006	0.008	0.016	0.005	0.	0.004	0.005	0.005	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	134	130.	130.149	152.	110.	88.609	9.413	117.5	120.	138.	141.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/12/72-11/25/85	12 ##	5.5	12.792	67.	2.5	339.43	18.424	3.25	5.	9.5	55.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/06/72-11/25/85	7	5.	4.357	8.	2.	4.226	2.056	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/72-11/25/85	12 ##	0.05	0.035	0.05	0.01	0.	0.019	0.01	0.01	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/12/72-11/25/85	12	0.305	0.315	0.43	0.13	0.007	0.086	0.157	0.283	0.4	0.424
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/12/72-07/11/73	7	0.06	0.073	0.14	0.03	0.002	0.039	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/12/72-11/25/85	12	0.02	0.022	0.05	0.01	0.	0.013	0.01	0.01	0.028	0.047
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/12/85-11/25/85	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/12/85-11/25/85	5	2.	1.8	2.	1.	0.2	0.447	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/81-03/16/83	18	250.	252.778	260.	250.	21.242	4.609	250.	250.	260.	260.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	132	78.	78.682	93.	65.	32.203	5.675	72.	74.	82.	87.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	132	20.	20.	27.	14.	7.893	2.809	16.	18.	22.	24.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	132	130.	137.644	190.	99.	569.834	23.871	110.	120.	160.	170.
00931	SODIUM ADSORPTION RATIO	10/21/81-03/16/83	18	3.2	3.189	3.5	2.9	0.022	0.149	2.9	3.175	3.2	3.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	132	5.4	5.401	7.7	3.5	0.365	0.604	4.7	5.	5.8	6.07
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	145	130.	139.49	220.	63.	1138.918	33.748	100.	120.	170.	184.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/10/72-08/08/73	16	77.5	80.313	125.	55.	258.229	16.07	58.5	75.	87.5	107.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	145	250.	244.566	310.	141.	1216.359	34.876	200.	220.	270.	290.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/90-09/16/92	25	0.9	0.884	1.1	0.7	0.006	0.08	0.8	0.8	0.9	1.
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	132	16.5	16.424	19.	1.	3.483	1.866	15.	16.	18.	18.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/72-06/07/73	6	370.	395.	700.	100.	86030.	293.309	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/14/72-06/07/73	6	2.473	2.463	2.845	2.	0.156	0.395	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			290.293								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/12/72-11/25/85	11 ##	2.	4.727	17.	1.	31.018	5.569	1.	1.	10.	16.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/12/85-11/25/85	5 ##	1.	3.4	9.	1.	12.8	3.578	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	10/18/89-09/16/92	34	134.	132.471	144.	116.	35.105	5.925	125.	129.5	138.	138.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/12/85-11/25/85	5	732.	733.6	758.	710.	296.8	17.228	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/81-03/16/83	18	624.5	625.667	649.	604.	156.706	12.518	605.8	617.	634.	645.4

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

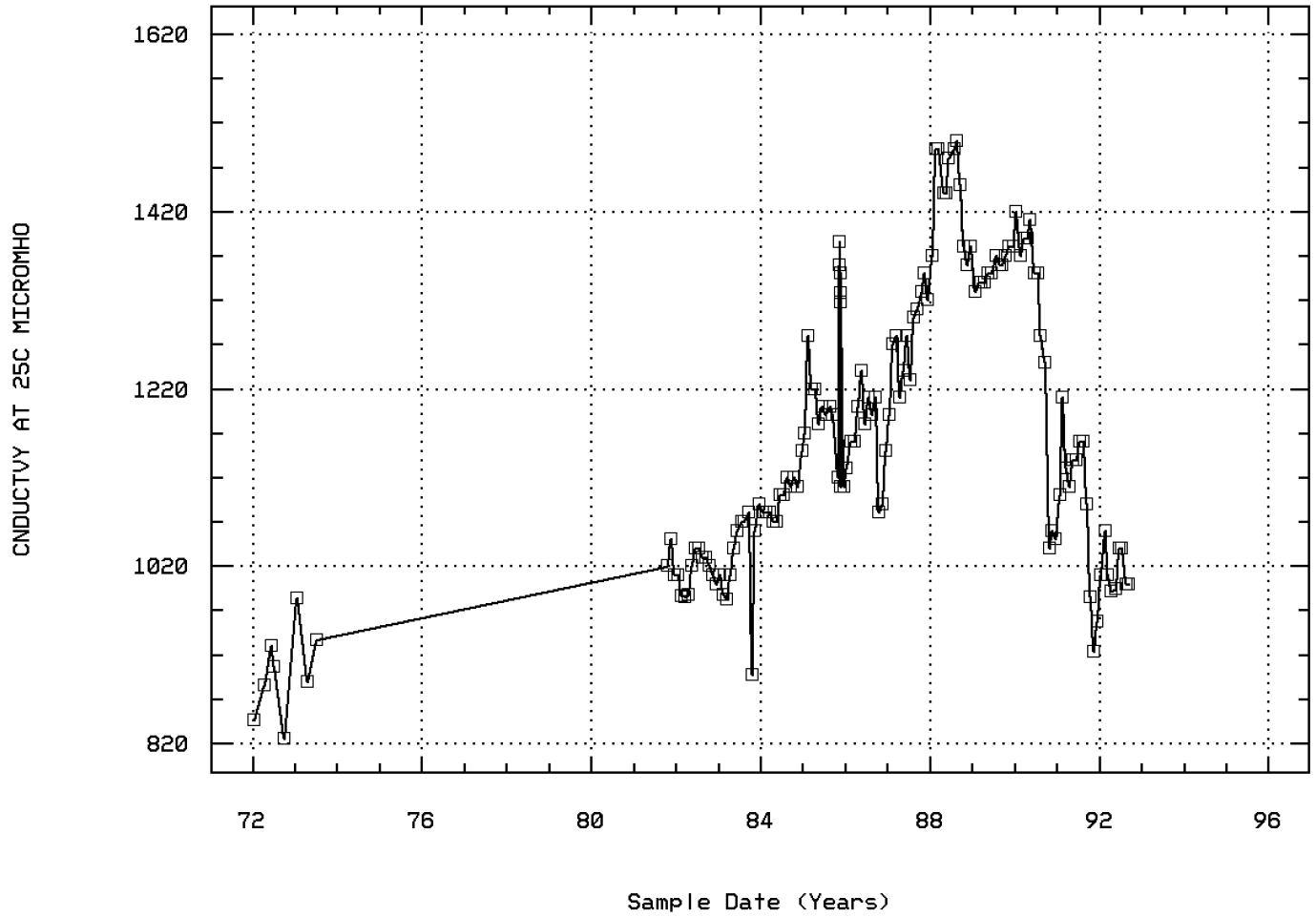
EPA Water Quality Criteria Analysis for Station: AMIS0033

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------6/10-10/31---------- Obs	Exceed	Prop.	----------11/01-6/09---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	20	0	0.00	7	0	0.00	13	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	25	0	0.00	7	0	0.00	18	0	0.00						
00400	PH	Other-Hi Lim.	9.	153	1	0.01	60	0	0.00	93	1	0.01						
		Other-Lo Lim.	6.5	153	0	0.00	60	0	0.00	93	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	13	0	0.00	4	0	0.00	9	0	0.00						
		Other-Lo Lim.	6.5	13	0	0.00	4	0	0.00	9	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	4	0	0.00	8	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	145	0	0.00	59	0	0.00	86	0	0.00						
		Drinking Water	250.	145	0	0.00	59	0	0.00	86	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	16	0	0.00	4	0	0.00	12	0	0.00						
		Drinking Water	250.	16	0	0.00	4	0	0.00	12	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	145	79	0.54	59	30	0.51	86	49	0.57						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	25	0	0.00	11	0	0.00	14	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	2	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: AMIS0033 Parameter Code: 00095

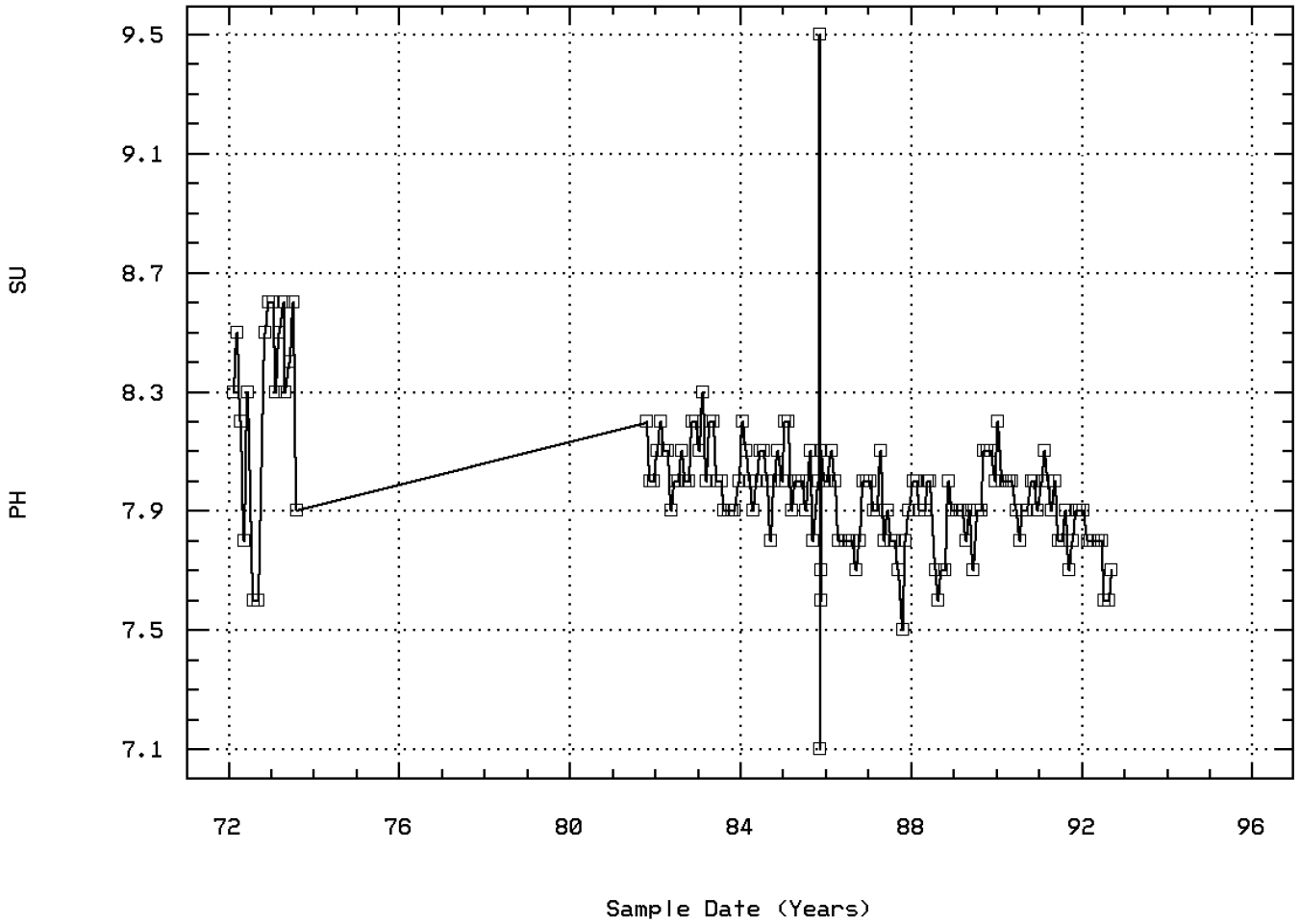
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Station: AMIS0033 Parameter Code: 00400

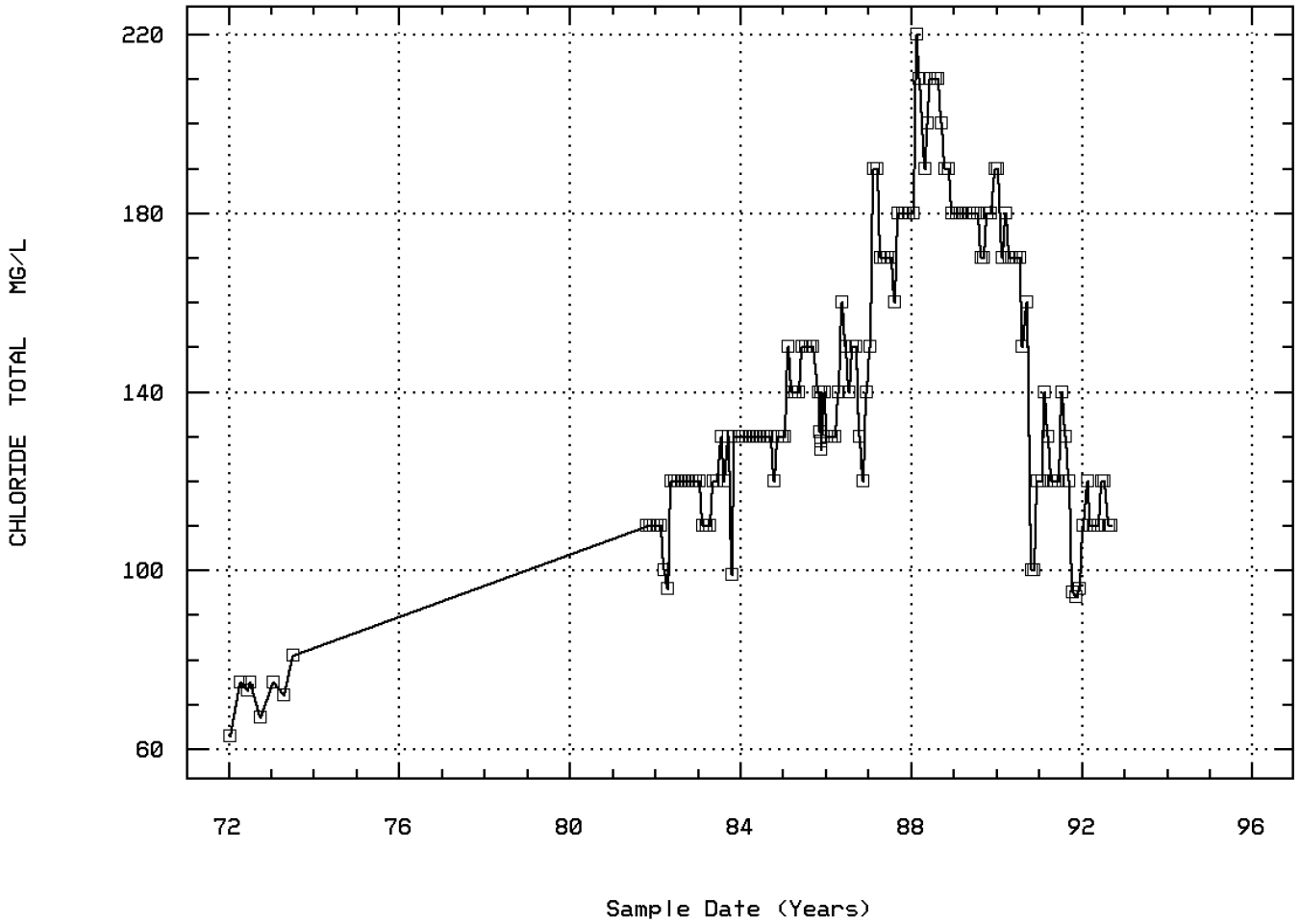
PH (STANDARD UNITS)



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Station: AMIS0033 Parameter Code: 00940

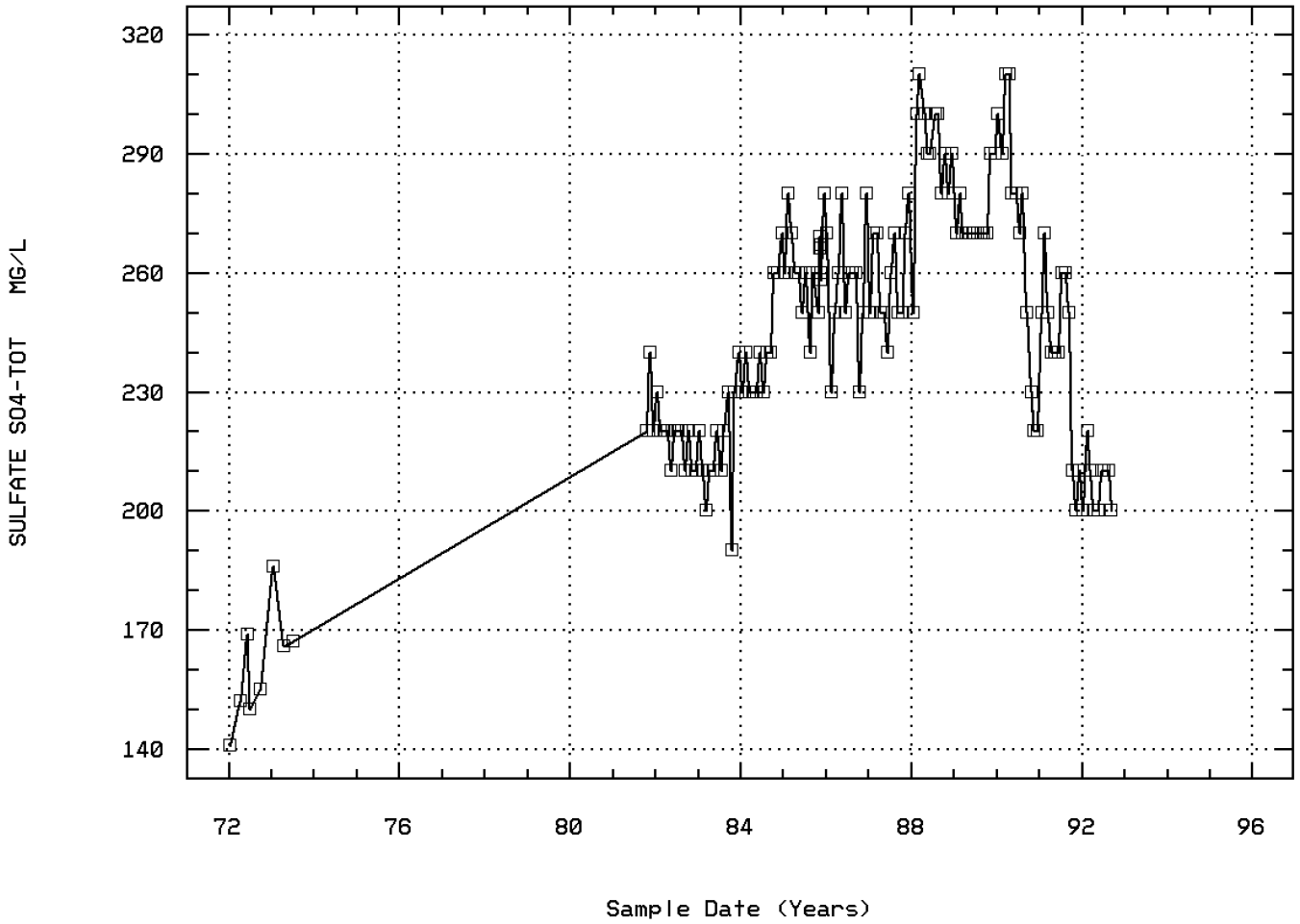
CHLORIDE,TOTAL IN WATER



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Station: AMIS0033 Parameter Code: 00945

SULFATE, TOTAL (MG/L AS SO4)



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Annual Analysis for 1972 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	12	17.8	16.9	24.4	7.8	18.962	4.355	9.12	13.875	19.85	23.08
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	5	885.	878.4	930.	825.	1842.3	42.922	**	**	**	**
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	9	8.3	8.156	8.6	7.6	0.153	0.391	7.6	7.7	8.5	8.6
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	9	8.3	7.994	8.6	7.6	0.182	0.427	7.6	7.7	8.5	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	9	0.005	0.01	0.025	0.003	0.	0.009	0.003	0.003	0.02	0.025
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	5	73.	70.6	75.	63.	28.8	5.367	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	5	152.	153.4	169.	141.	103.3	10.164	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	8	18.6	18.263	26.1	4.4	54.117	7.356	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	3	936.	936.667	984.	890.	2209.333	47.004	**	**	**	**
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	8	8.45	8.4	8.6	7.9	0.057	0.239	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	8	8.447	8.331	8.6	7.9	0.063	0.25	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	8	0.004	0.005	0.013	0.003	0.	0.003	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	3	75.	76.	81.	72.	21.	4.583	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	3	167.	173.	186.	166.	127.	11.269	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	3	18.5	19.5	21.5	18.5	3.	1.732	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	3	1750.	1279.333	1870.	218.	848421.333	921.098	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	3	1020.	1026.667	1050.	1010.	433.333	20.817	**	**	**	**
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	3	8.	8.067	8.2	8.	0.013	0.115	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	3	8.	8.057	8.2	8.	0.013	0.116	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	3	0.01	0.009	0.01	0.006	0.	0.002	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	3	120.	120.	120.	120.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	3	76.	75.	76.	73.	3.	1.732	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	3	18.	18.	18.	18.	0.	0.	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	3	110.	110.	110.	110.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	3	4.9	5.	5.2	4.9	0.03	0.173	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	3	110.	110.	110.	110.	0.	0.	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	3	220.	226.667	240.	220.	133.333	11.547	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	3	18.	17.667	18.	17.	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 box-and-whisker plot

Annual Analysis for 1982 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	12	19.25	19.542	26.5	10.	30.021	5.479	11.2	15.625	25.75	26.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	12	1600.	2024.667	4940.	48.	2289449.697	1513.093	60.	1132.5	2902.5	4781.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	12	1015.	1013.333	1040.	985.	400.424	20.011	985.6	991.	1030.	1040.
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	12	8.1	8.075	8.2	7.9	0.009	0.097	7.93	8.	8.175	8.2
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	12	8.1	8.065	8.2	7.9	0.009	0.097	7.93	8.	8.175	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	12	0.008	0.009	0.013	0.006	0.	0.002	0.006	0.007	0.01	0.012
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	12	120.	120.	130.	110.	36.364	6.03	110.	120.	120.	130.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	12	72.	72.25	75.	70.	2.386	1.545	70.3	71.	73.75	74.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	12	17.5	17.5	18.	17.	0.273	0.522	17.	17.	18.	18.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	12	110.	109.167	120.	100.	26.515	5.149	100.	110.	110.	117.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	12	5.	5.025	6.	4.7	0.131	0.362	4.7	4.7	5.175	5.76
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	12	120.	114.667	120.	96.	75.879	8.711	97.2	110.	120.	120.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	12	220.	217.5	230.	210.	38.636	6.216	210.	210.	220.	227.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	12	17.	15.5	18.	1.	21.364	4.622	5.5	16.	17.	18.

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

Annual Analysis for 1983 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	12	17.25	16.208	21.	11.	13.975	3.738	11.15	12.	19.75	20.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	12	1465.	1563.75	3710.	396.	742110.932	861.459	495.3	894.	1955.	3263.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	12	1050.	1029.833	1090.	898.	3044.697	55.179	923.2	993.5	1070.	1087.
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	12	8.	8.033	8.3	7.9	0.019	0.137	7.9	7.9	8.175	8.27
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	12	8.	8.015	8.3	7.9	0.019	0.138	7.9	7.9	8.175	8.27
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	12	0.01	0.01	0.013	0.005	0.	0.003	0.005	0.007	0.013	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	12	130.	127.5	140.	110.	111.364	10.553	110.	120.	137.5	140.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	12	73.	72.917	78.	65.	11.356	3.37	66.5	71.25	74.75	77.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	12	19.	19.083	21.	16.	1.72	1.311	16.6	18.25	20.	20.7
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	12	120.	114.917	120.	99.	48.265	6.947	102.3	110.	120.	120.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	12	4.75	4.775	5.2	4.3	0.066	0.256	4.36	4.6	5.	5.14
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	12	120.	119.083	130.	99.	102.811	10.14	102.3	110.	130.	130.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	12	215.	215.833	240.	190.	190.152	13.79	193.	210.	227.5	237.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	12	17.5	17.333	18.	15.	0.788	0.888	15.6	17.	18.	18.

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

Annual Analysis for 1984 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	12	19.	18.167	24.5	9.5	18.379	4.287	10.7	15.25	21.	24.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	12	1460.	2030.333	8860.	374.	5580282.242	2362.262	396.2	521.25	2322.5	7303.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	12	1100.	1099.167	1150.	1070.	590.152	24.293	1070.	1080.	1117.5	1141.
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	12	8.	8.025	8.2	7.8	0.011	0.106	7.83	8.	8.1	8.17
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	12	8.	8.013	8.2	7.8	0.011	0.106	7.83	8.	8.1	8.17
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	12	0.01	0.01	0.016	0.006	0.	0.003	0.007	0.008	0.01	0.015
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	12	130.	128.333	140.	120.	51.515	7.177	120.	120.	130.	140.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	12	76.	76.5	81.	74.	5.	2.236	74.	75.	77.75	80.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	12	20.5	20.583	22.	20.	0.447	0.669	20.	20.	21.	21.7
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	12	130.	126.667	130.	120.	24.242	4.924	120.	120.	130.	130.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	12	4.9	4.975	5.8	4.6	0.135	0.367	4.6	4.625	5.225	5.68
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	12	130.	129.167	130.	120.	8.333	2.887	123.	130.	130.	130.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	12	240.	241.667	270.	230.	196.97	14.035	230.	230.	255.	267.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	12	18.	17.833	19.	17.	0.515	0.718	17.	17.	18.	19.

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

Annual Analysis for 1985 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	17	19.2	18.153	26.	11.	15.594	3.949	11.	14.75	20.6	22.08
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	12	1345.	1387.417	2390.	47.	683846.629	826.95	48.5	1042.5	2307.5	2375.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	17	1200.	1231.294	1386.	1110.	7978.471	89.322	1110.	1175.	1323.	1365.2
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	17	8.	7.988	9.5	7.1	0.222	0.472	7.5	7.75	8.1	8.46
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	17	8.	7.808	9.5	7.1	0.257	0.507	7.5	7.75	8.1	8.46
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	17	0.01	0.016	0.079	0.	0.	0.018	0.005	0.008	0.018	0.036
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	17	130.	124.882	136.	114.	72.235	8.499	114.8	116.	132.5	136.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	12	82.	81.75	89.	73.	29.659	5.446	73.	78.25	86.5	88.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	12	21.	21.167	22.	20.	0.333	0.577	20.3	21.	21.75	22.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	12	140.	136.667	150.	130.	42.424	6.513	130.	130.	140.	147.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	12	5.3	5.267	5.5	4.9	0.039	0.197	4.93	5.075	5.4	5.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	17	140.	139.118	150.	127.	75.485	8.688	127.	130.5	150.	150.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	17	260.	262.118	280.	240.	101.86	10.093	248.	259.	268.	280.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	12	18.	18.083	19.	17.	0.447	0.669	17.	18.	18.75	19.

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

Annual Analysis for 1986 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	12	20.5	18.333	24.	11.	28.242	5.314	11.	12.	22.75	24.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	12	2290.	3240.417	11400.	865.	9065002.083	3010.814	908.5	1490.	3917.5	9951.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	12	1170.	1166.667	1240.	1080.	2369.697	48.68	1083.	1135.	1207.5	1231.
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	11	7.8	7.891	8.1	7.7	0.017	0.13	7.72	7.8	8.	8.08
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	11	7.8	7.874	8.1	7.7	0.017	0.131	7.72	7.8	8.	8.08
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	11	0.016	0.013	0.02	0.008	0.	0.004	0.008	0.01	0.016	0.019
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	12	127.5	125.5	133.	115.	38.636	6.216	115.6	119.5	130.75	132.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	12	77.5	78.083	84.	75.	8.083	2.843	75.	75.25	80.5	83.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	12	19.5	19.75	22.	17.	2.932	1.712	17.3	18.25	21.75	22.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	12	140.	136.667	150.	120.	60.606	7.785	123.	130.	140.	147.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	12	5.4	5.458	5.9	5.3	0.041	0.202	5.3	5.3	5.65	5.84
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	12	140.	139.167	160.	120.	135.606	11.645	123.	130.	150.	157.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	12	260.	256.667	280.	230.	260.606	16.143	230.	250.	267.5	280.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	12	16.	16.25	18.	15.	1.114	1.055	15.	15.25	17.	18.

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

Annual Analysis for 1987 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	12	18.75	17.667	23.5	12.	10.833	3.291	12.6	14.375	19.875	22.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	12	2000.	2132.083	4590.	154.	2370443.356	1539.624	192.7	956.	3627.5	4569.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	12	1280.	1275.833	1350.	1190.	2481.061	49.81	1196.	1232.5	1317.5	1344.
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	12	7.85	7.842	8.1	7.5	0.023	0.151	7.56	7.8	7.9	8.07
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	12	7.847	7.816	8.1	7.5	0.023	0.153	7.56	7.8	7.9	8.07
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	12	0.014	0.015	0.032	0.008	0.	0.006	0.009	0.013	0.016	0.028
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	12	146.	143.583	152.	130.	50.992	7.141	130.6	137.5	147.75	151.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	12	87.	86.583	91.	81.	10.083	3.175	81.3	83.75	89.	90.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	12	20.5	20.5	22.	18.	1.182	1.087	18.6	20.	21.	22.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	12	160.	156.667	170.	150.	42.424	6.513	150.	150.	160.	167.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	12	5.6	5.542	6.2	3.5	0.519	0.72	4.01	5.425	6.05	6.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	12	175.	174.167	190.	150.	135.606	11.645	153.	170.	180.	190.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	12	255.	259.167	280.	240.	153.788	12.401	243.	250.	270.	277.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	12	14.5	14.667	16.	14.	0.606	0.778	14.	14.	15.	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 1988 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	12	15.75	15.792	22.	10.5	15.066	3.882	10.65	11.875	19.125	21.55
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	12	2050.	2888.25	9110.	120.	5236748.023	2288.394	459.	1602.	3815.	7565.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	12	1445.	1439.167	1500.	1360.	2844.697	53.336	1363.	1380.	1490.	1497.
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	12	7.9	7.867	8.	7.6	0.022	0.15	7.63	7.7	8.	8.
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	12	7.9	7.842	8.	7.6	0.023	0.152	7.63	7.7	8.	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	12	0.013	0.014	0.025	0.01	0.	0.005	0.01	0.01	0.02	0.024
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	12	139.	135.	143.	120.	77.818	8.821	120.3	124.75	141.	142.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	12	86.5	85.167	93.	77.	25.061	5.006	77.3	79.75	88.75	91.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	12	24.	24.167	27.	22.	1.788	1.337	22.3	23.25	24.75	26.7
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	12	180.	176.667	190.	170.	42.424	6.513	170.	170.	180.	187.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	12	5.9	6.233	7.7	5.6	0.513	0.716	5.6	5.825	6.525	7.67
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	12	200.	199.167	220.	180.	171.97	13.114	180.	190.	210.	217.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	12	290.	290.	310.	250.	236.364	15.374	259.	282.5	300.	307.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	12	15.	15.25	16.	15.	0.205	0.452	15.	15.	15.75	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 1989 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	11	18.	16.318	24.	5.5	38.914	6.238	6.2	10.	22.	23.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	12	1203.5	1664.167	8793.	118.	5597589.97	2365.923	124.9	168.25	1650.	6885.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	12	1355.	1355.833	1380.	1330.	281.061	16.765	1333.	1340.	1370.	1380.
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	12	7.9	7.933	8.1	7.7	0.015	0.123	7.73	7.9	8.075	8.1
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	12	7.9	7.917	8.1	7.7	0.015	0.124	7.73	7.9	8.075	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	12	0.013	0.012	0.02	0.008	0.	0.003	0.008	0.008	0.013	0.019
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	9	136.	134.667	141.	125.	28.75	5.362	125.	130.	139.	141.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	12	80.	80.083	84.	77.	4.447	2.109	77.	78.25	81.75	83.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	12	23.	22.833	24.	22.	0.515	0.718	22.	22.	23.	24.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	12	170.	167.5	170.	160.	20.455	4.523	160.	162.5	170.	170.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	12	6.	6.	6.4	5.8	0.033	0.181	5.8	5.825	6.1	6.34
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	12	180.	179.167	190.	170.	26.515	5.149	170.	180.	180.	187.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	12	270.	274.167	290.	270.	62.879	7.93	270.	270.	277.5	290.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	12	15.	15.5	17.	15.	0.455	0.674	15.	15.	16.	16.7

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Annual Analysis for 1990 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	12	18.75	17.042	23.	0.	40.294	6.348	3.9	13.75	21.5	23.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	12	2280.	2660.667	6530.	283.	4165304.424	2040.908	303.1	721.25	4432.5	6002.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	12	1350.	1280.	1420.	1040.	21672.727	147.217	1043.	1107.5	1390.	1417.
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	12	8.	7.967	8.2	7.8	0.01	0.098	7.83	7.9	8.	8.14
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	12	8.	7.957	8.2	7.8	0.01	0.099	7.83	7.9	8.	8.14
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	12	0.01	0.011	0.016	0.006	0.	0.002	0.007	0.01	0.013	0.015
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	12	132.	131.667	138.	125.	14.424	3.798	125.	130.25	134.	137.1
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	12	80.	79.	82.	73.	10.	3.162	73.3	76.	81.	82.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	12	23.5	21.5	24.	15.	13.182	3.631	15.3	17.25	24.	24.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	12	165.	153.333	170.	110.	533.333	23.094	113.	127.5	170.	170.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	12	5.7	5.608	6.2	4.7	0.148	0.385	4.82	5.525	5.8	6.11
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	12	170.	154.167	190.	100.	935.606	30.588	100.	127.5	170.	187.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	12	280.	270.	310.	220.	1072.727	32.753	220.	235.	297.5	310.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	12	16.	16.333	17.	16.	0.242	0.492	16.	16.	17.	17.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0033

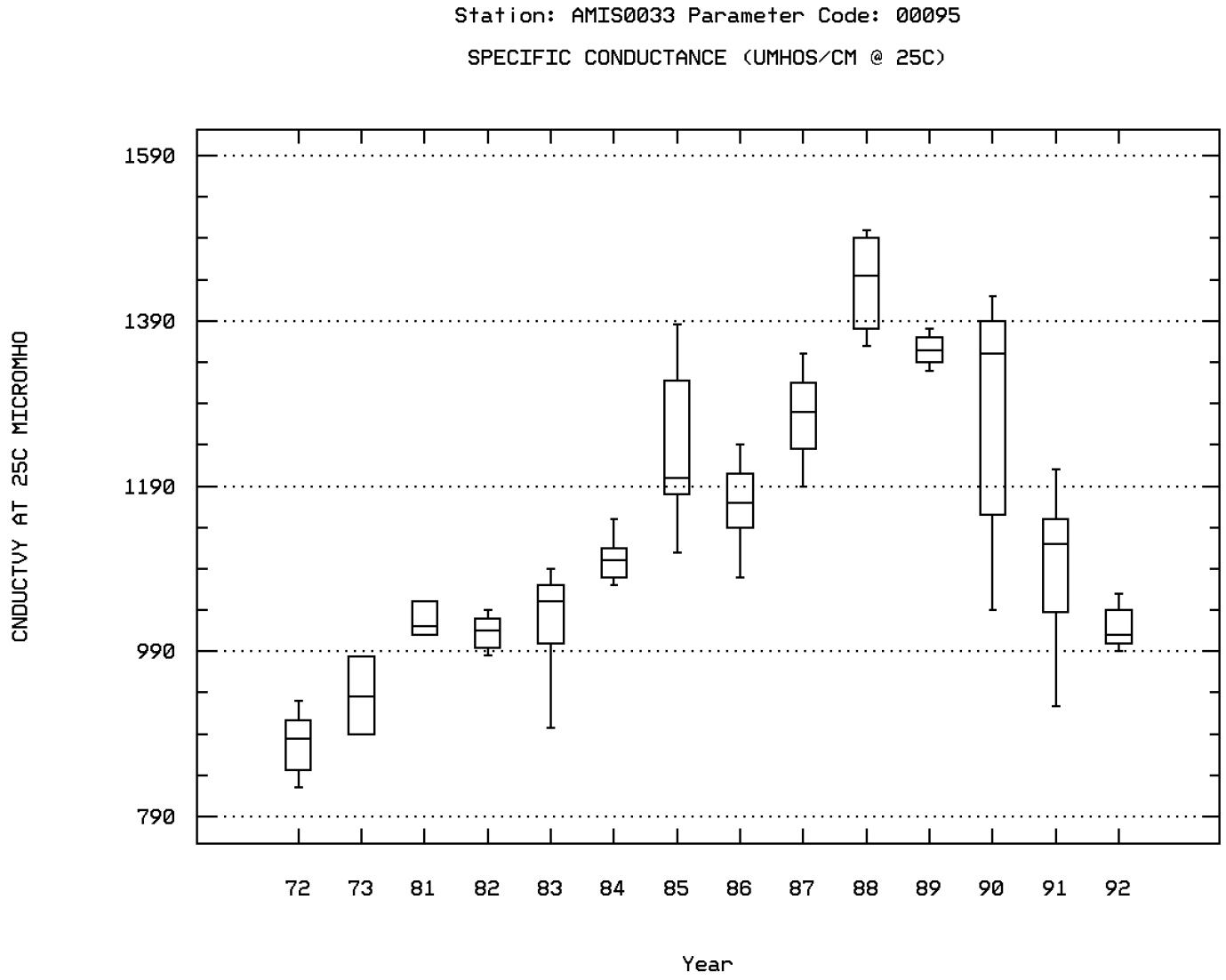
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	12	17.25	17.375	23.	11.	19.96	4.468	11.	13.25	21.75	23.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	12	1975.	3785.	13200.	1370.	13697172.727	3700.969	1400.	1667.5	4830.	11940.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	12	1120.	1092.25	1210.	924.	7931.295	89.058	934.2	1011.25	1155.	1195.
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	12	7.9	7.9	8.1	7.7	0.013	0.113	7.73	7.8	8.	8.07
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	12	7.9	7.887	8.1	7.7	0.013	0.114	7.73	7.8	8.	8.07
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	12	0.013	0.013	0.02	0.008	0.	0.003	0.009	0.01	0.016	0.019
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	12	135.	132.333	144.	116.	70.242	8.381	117.5	125.25	138.	142.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	12	80.	78.333	85.	68.	40.242	6.344	68.3	71.25	84.	84.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	12	17.	16.75	19.	14.	2.205	1.485	14.3	16.	17.75	19.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	12	130.	123.333	140.	100.	133.333	11.547	103.	112.5	130.	137.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	12	5.5	5.425	5.7	4.9	0.049	0.222	4.99	5.3	5.6	5.67
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	12	120.	118.75	140.	94.	259.841	16.12	94.3	102.	130.	140.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	12	245.	240.	270.	200.	490.909	22.156	203.	217.5	257.5	267.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	12	16.	16.333	18.	15.	0.606	0.778	15.3	16.	17.	17.7

** - 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

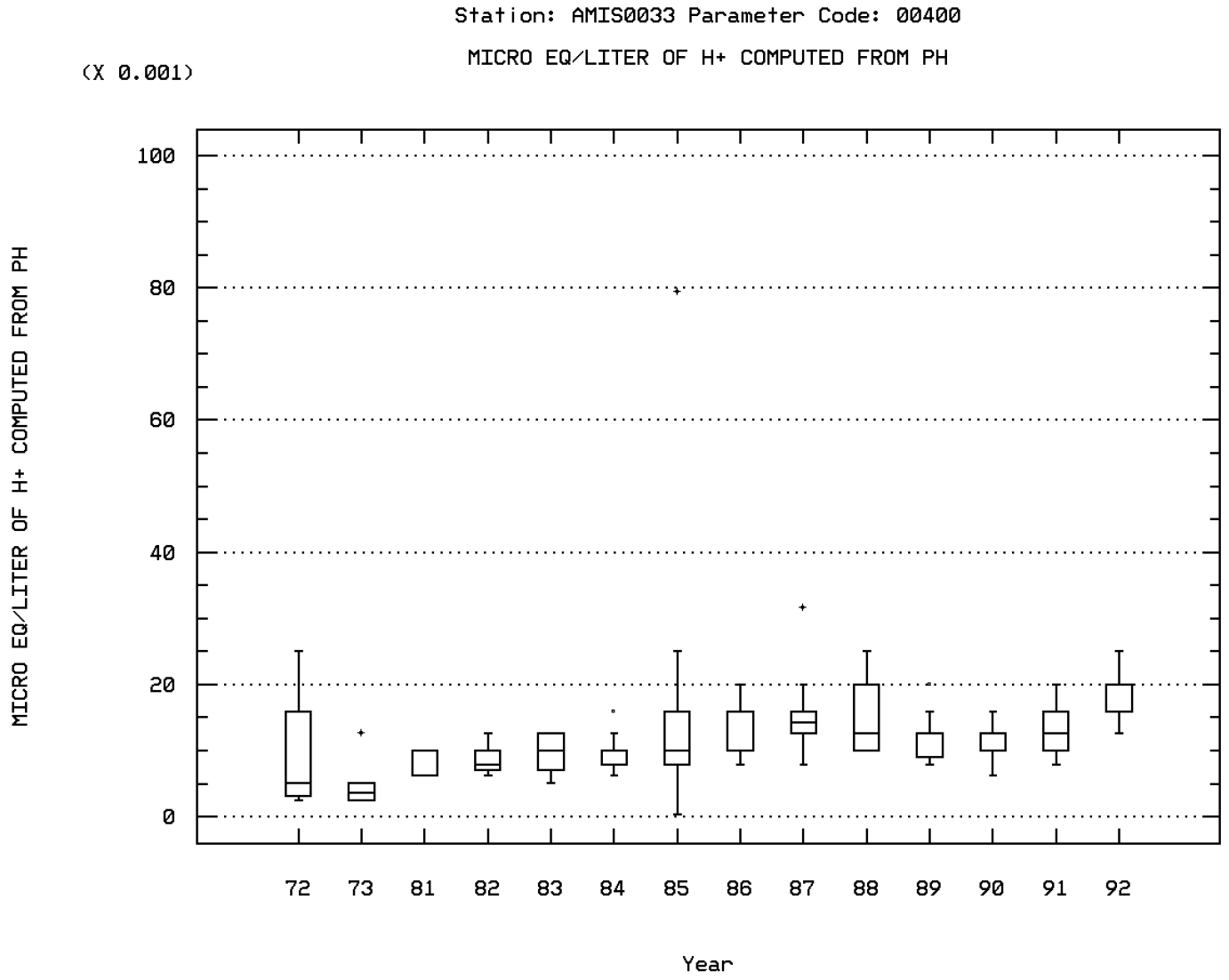
Annual Analysis for 1992 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	9	18.5	17.444	22.	11.	16.528	4.065	11.	13.25	20.75	22.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	9	3955.	3660.222	8510.	251.	9805762.944	3131.415	251.	369.	6181.5	8510.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	9	1010.	1016.111	1060.	991.	597.611	24.446	991.	997.	1040.	1060.
00400p	PH (STANDARD UNITS)	02/10/72-09/16/92	9	7.8	7.756	7.9	7.6	0.01	0.101	7.6	7.65	7.8	7.9
00400p	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	9	7.8	7.745	7.9	7.6	0.01	0.102	7.6	7.65	7.8	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	9	0.016	0.018	0.025	0.013	0.	0.004	0.013	0.016	0.023	0.025
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	9	136.	135.333	139.	130.	9.5	3.082	130.	133.	138.	139.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	9	73.	74.778	80.	71.	9.444	3.073	71.	72.5	77.5	80.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	9	16.	15.556	17.	14.	0.778	0.882	14.	15.	16.	17.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	9	110.	113.333	120.	110.	25.	5.	110.	110.	120.	120.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	9	4.9	5.133	7.4	4.6	0.748	0.865	4.6	4.7	5.05	7.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	9	110.	113.333	120.	110.	25.	5.	110.	110.	120.	120.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	9	210.	206.667	220.	200.	50.	7.071	200.	200.	210.	220.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	9	17.	17.556	19.	16.	1.028	1.014	16.	17.	18.5	19.

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



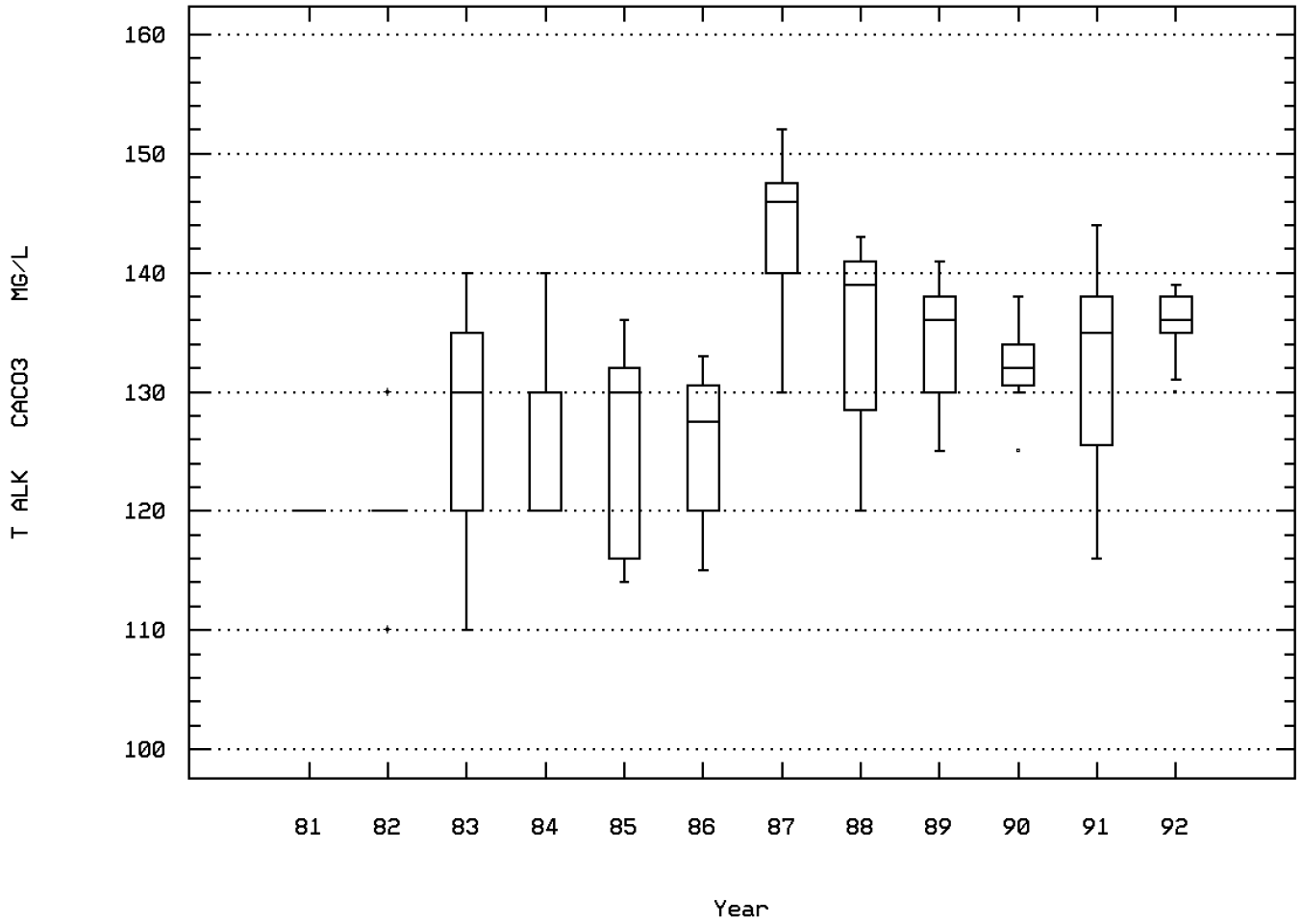
RIO GRANDE BELOW AMISTAD DAM NORTHWEST



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Station: AMIS0033 Parameter Code: 00410

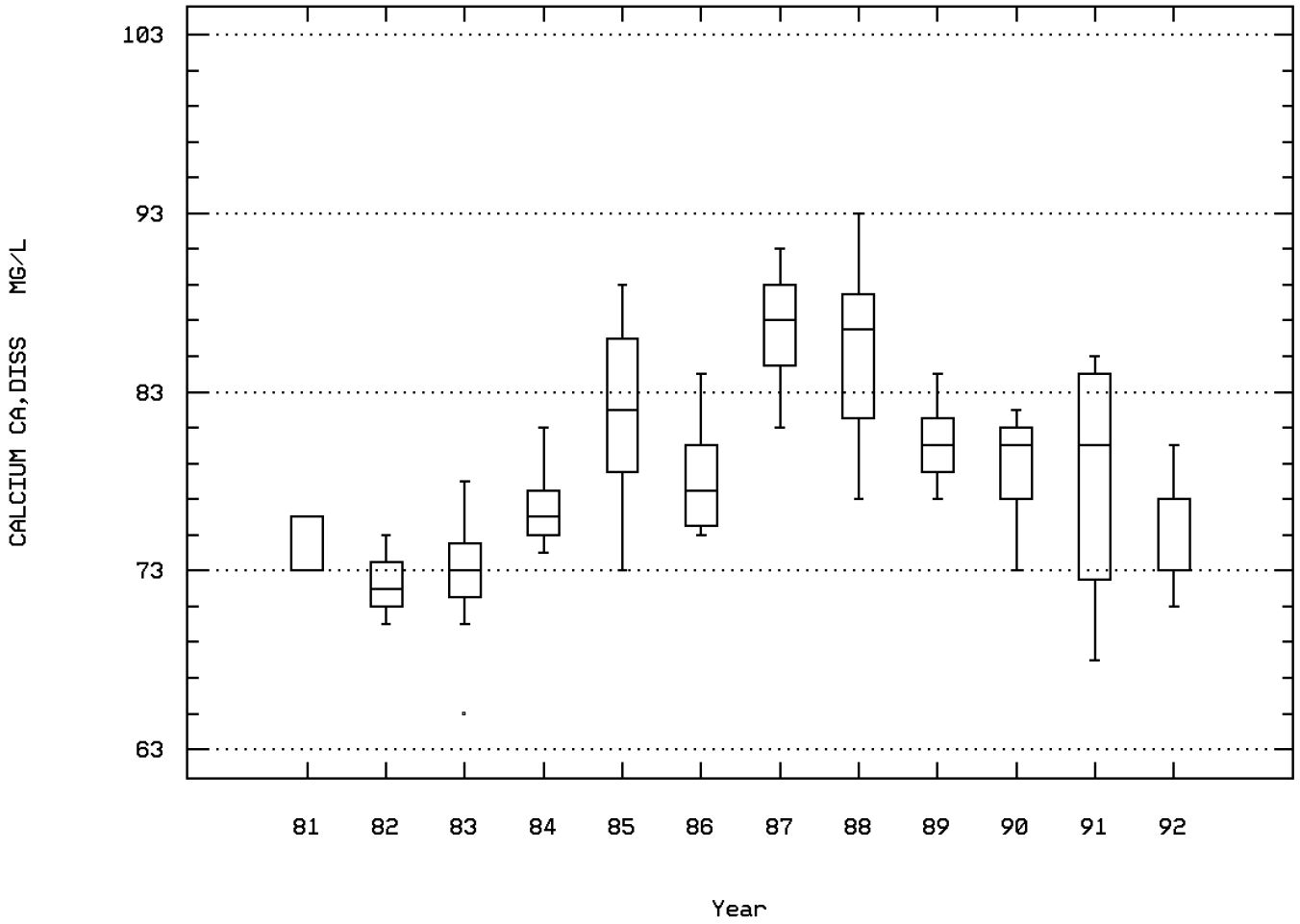
ALKALINITY, TOTAL (MG/L AS CACO3)



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Station: AMIS0033 Parameter Code: 00915

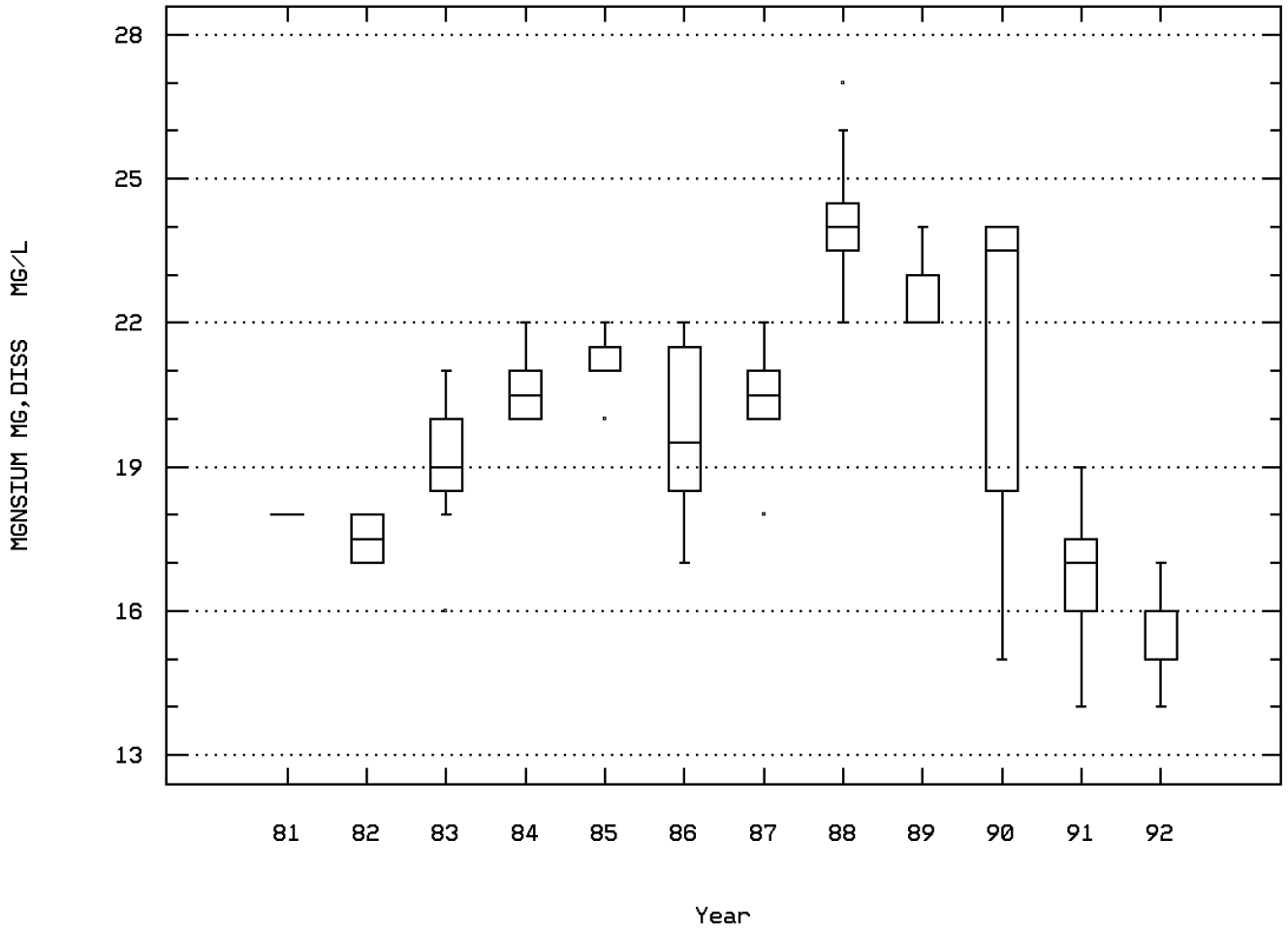
CALCIUM, DISSOLVED (MG/L AS CA)



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Station: AMIS0033 Parameter Code: 00925

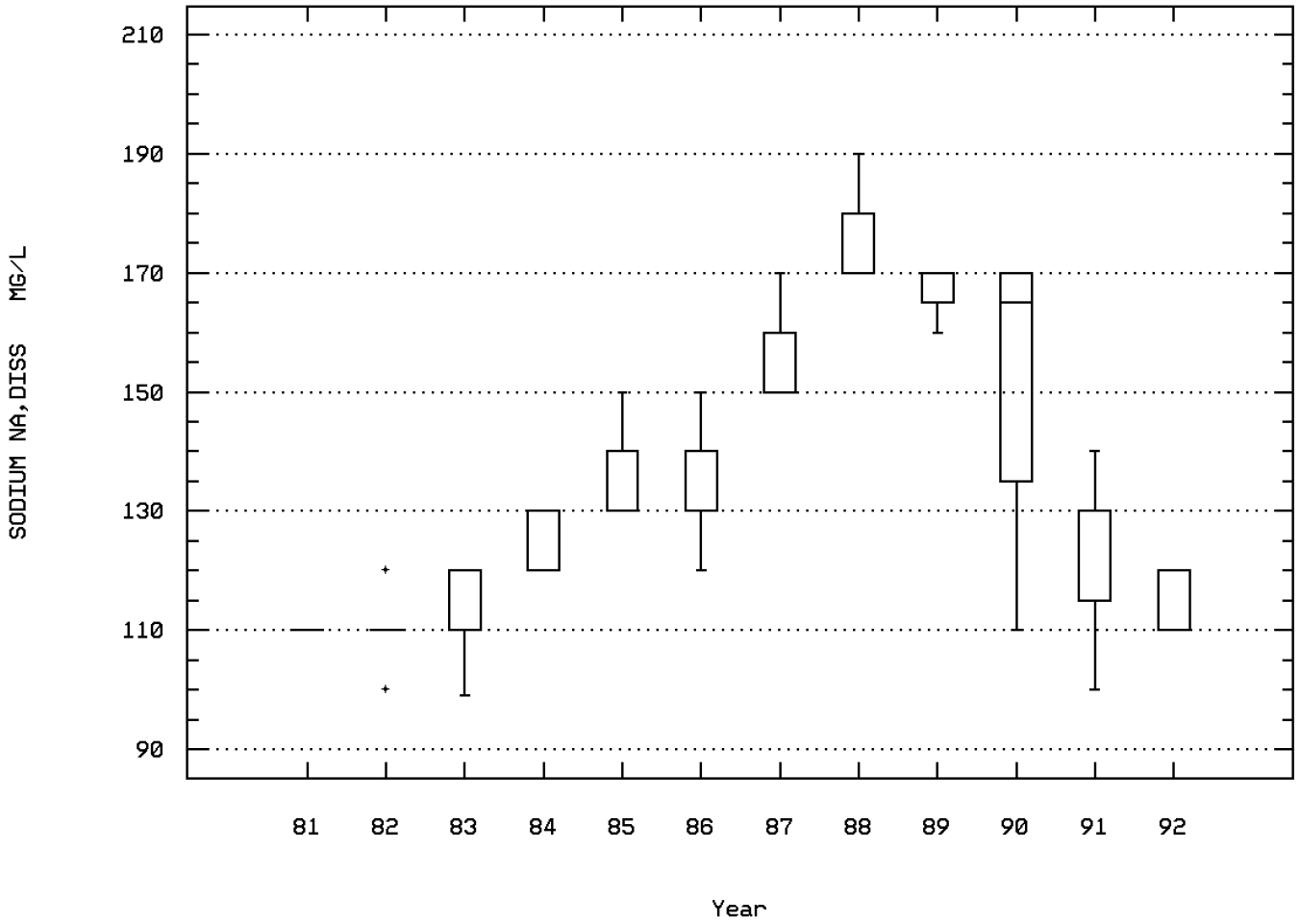
MAGNESIUM, DISSOLVED (MG/L AS MG)



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Station: AMIS0033 Parameter Code: 00930

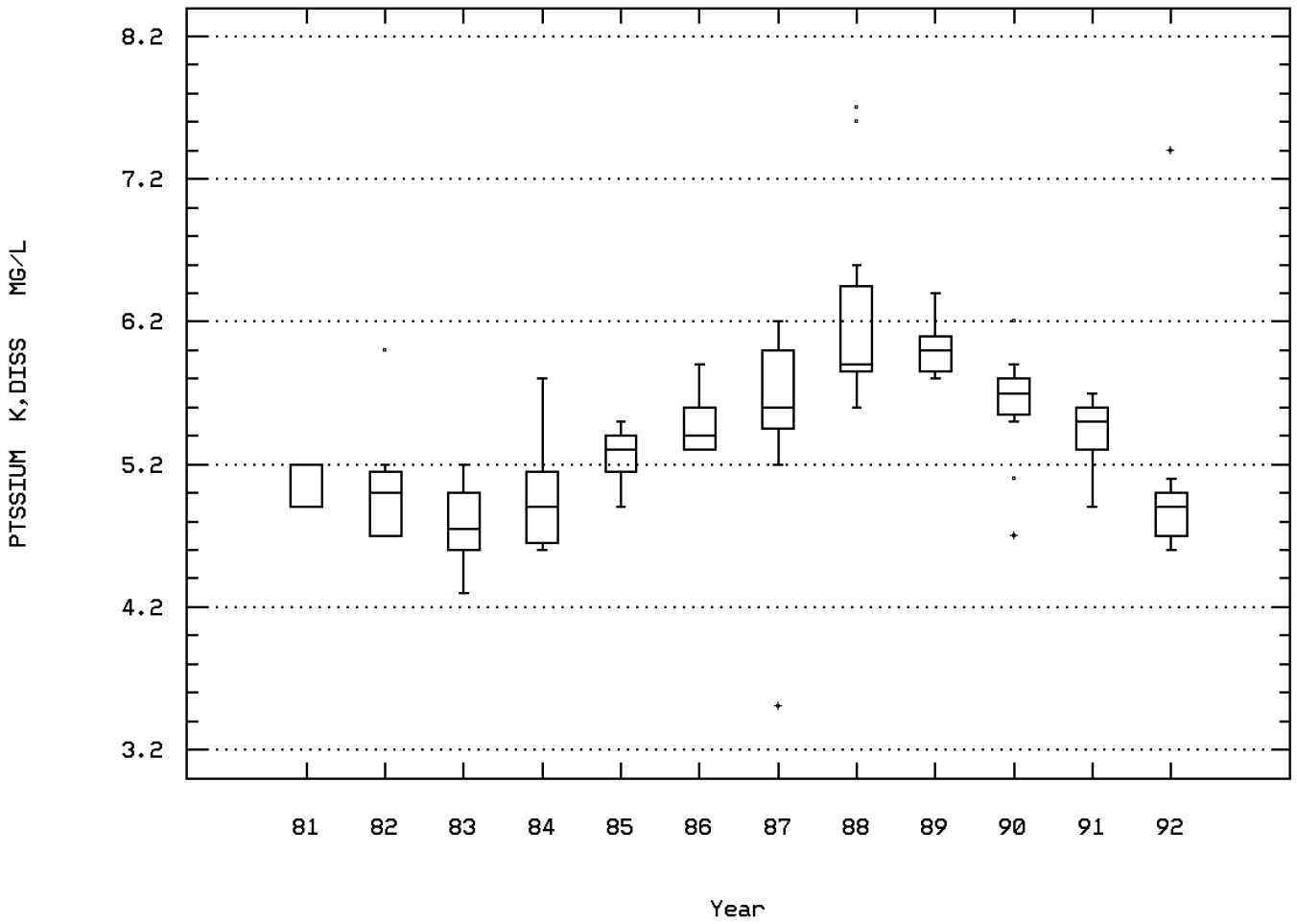
SODIUM, DISSOLVED (MG/L AS NA)



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Station: AMIS0033 Parameter Code: 00935

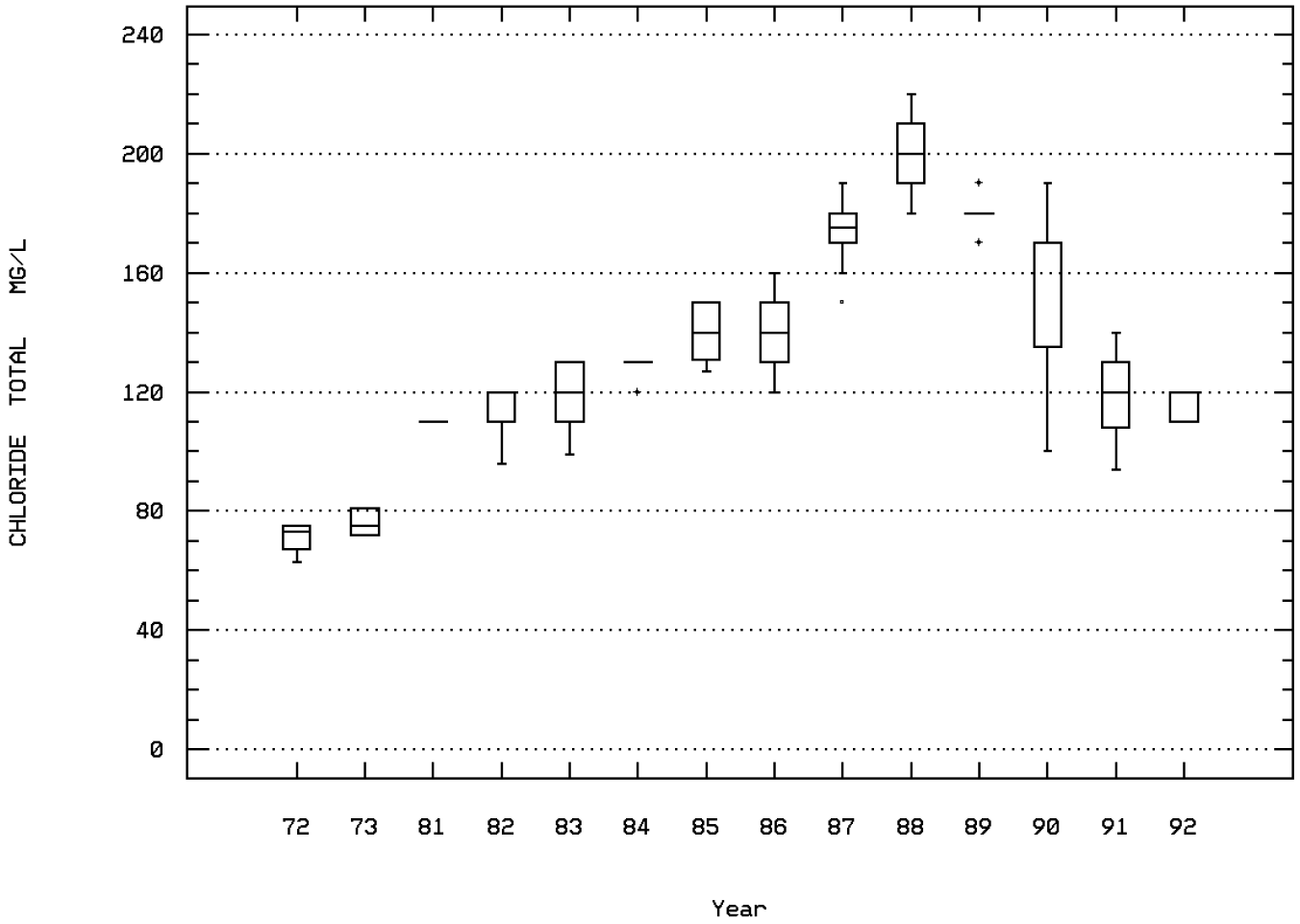
POTASSIUM, DISSOLVED (MG/L AS K)



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Station: AMIS0033 Parameter Code: 00940

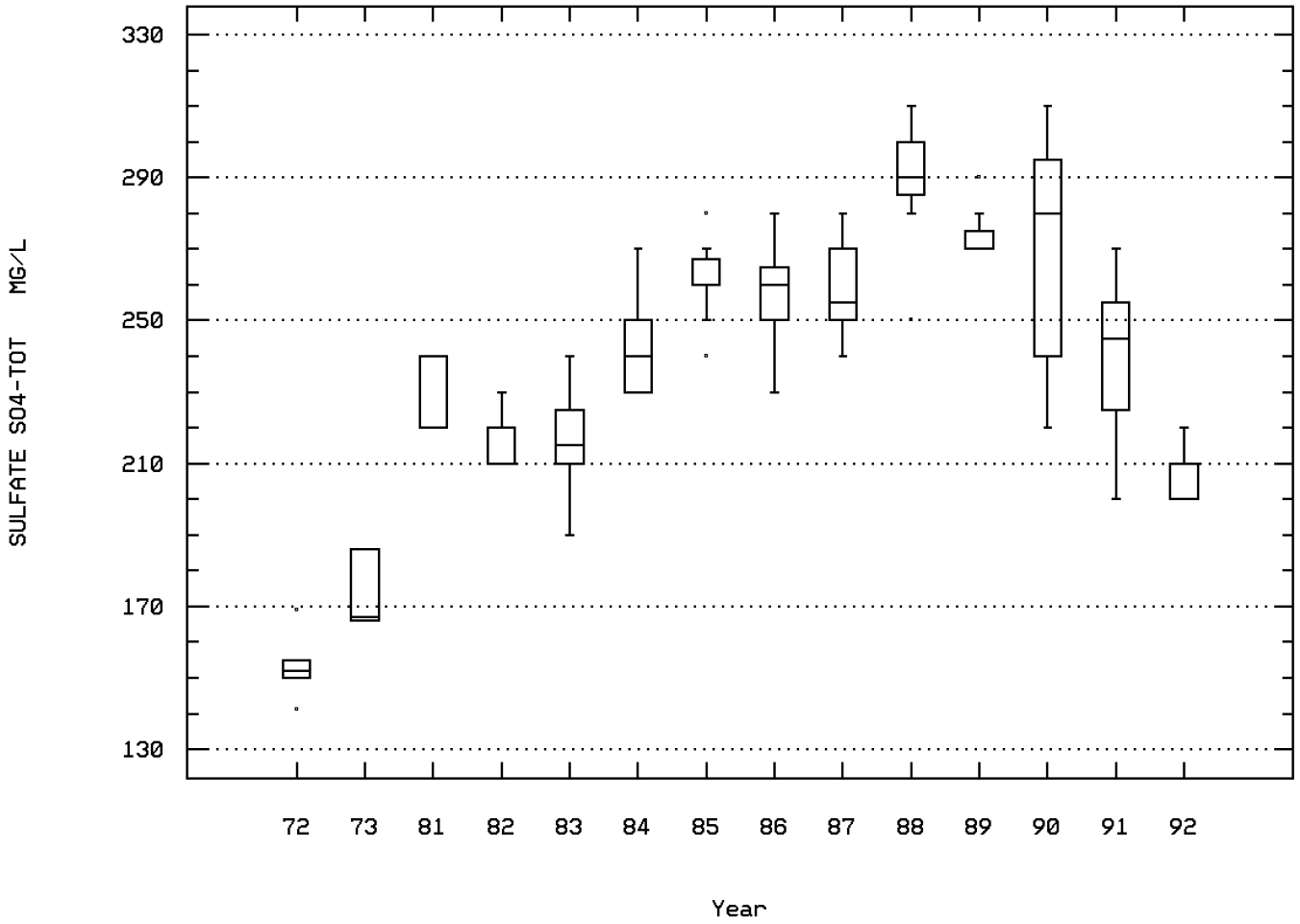
CHLORIDE,TOTAL IN WATER



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Station: AMIS0033 Parameter Code: 00945

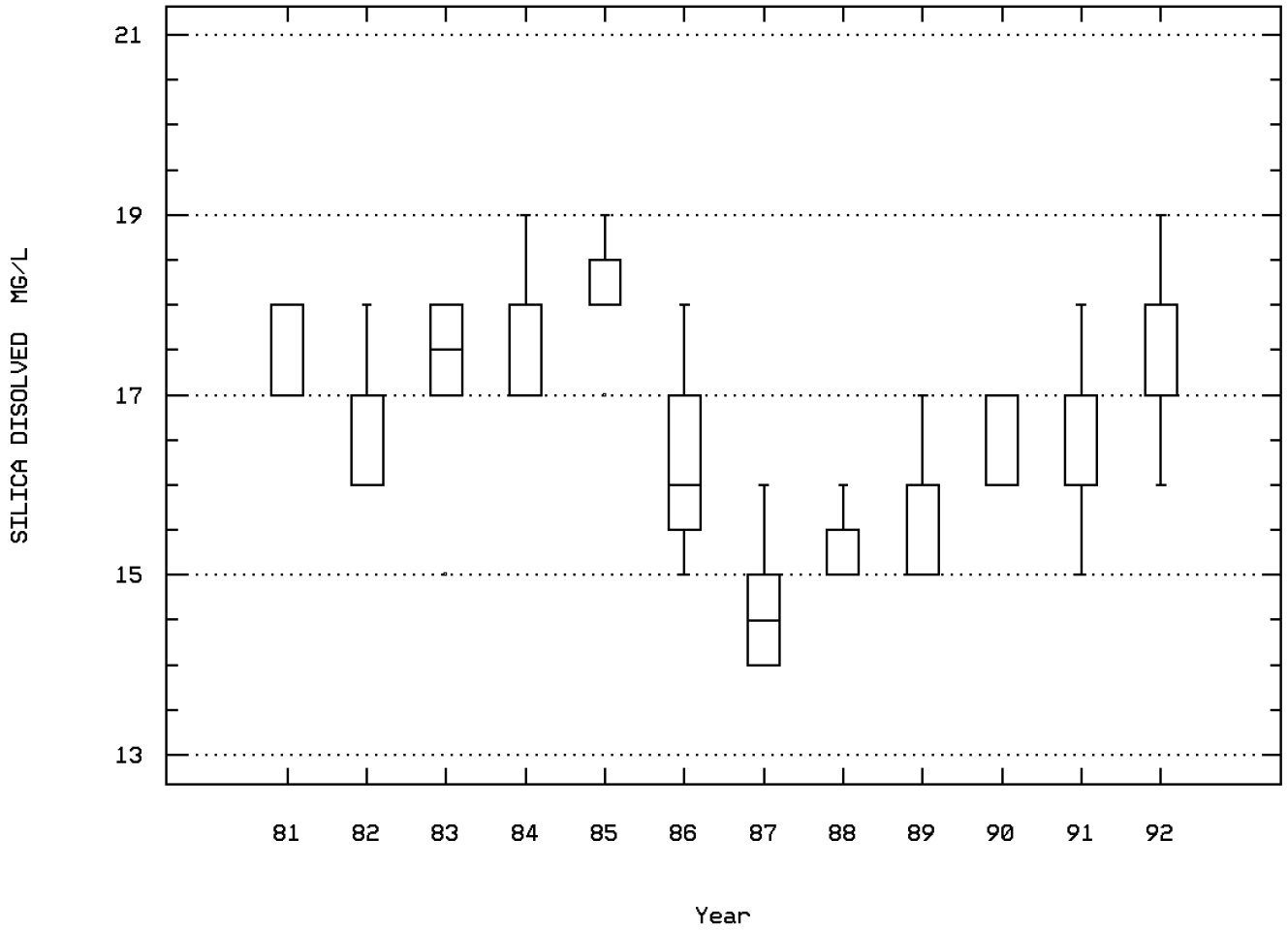
SULFATE, TOTAL (MG/L AS SO4)



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Station: AMIS0033 Parameter Code: 00955

SILICA, DISSOLVED (MG/L AS SI02)



RIO GRANDE BELOW AMISTAD DAM NORTHWEST

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	62	21.	21.018	26.5	13.3	7.698	2.774	18.	19.	23.	25.42
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	55	1650.	2384.582	13200.	48.	6211733.581	2492.335	270.2	967.	3020.	4620.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	59	1140.	1164.746	1500.	825.	25737.193	160.428	985.	1040.	1300.	1370.
00400	PH (STANDARD UNITS)	02/10/72-09/16/92	60	7.9	7.883	8.6	7.5	0.036	0.191	7.61	7.8	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	60	7.9	7.846	8.6	7.5	0.038	0.194	7.61	7.8	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	60	0.013	0.014	0.032	0.003	0.	0.006	0.008	0.01	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	54	136.	132.463	152.	110.	112.065	10.586	116.5	124.	140.	145.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	55	80.	79.418	91.	65.	36.47	6.039	71.	75.	84.	88.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	55	21.	20.2	27.	15.	7.681	2.772	16.	18.	22.	24.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	55	130.	138.709	180.	99.	531.284	23.05	110.	120.	160.	170.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	55	5.3	5.276	6.4	3.5	0.265	0.515	4.66	4.9	5.6	5.9
00940	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	59	130.	140.339	210.	67.	1153.849	33.968	99.	120.	170.	180.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	59	250.	240.525	300.	150.	1137.564	33.728	200.	220.	260.	280.
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	55	17.	16.418	19.	1.	6.026	2.455	15.	16.	18.	18.

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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-09/16/92	94	15.5	15.222	24.	0.	18.814	4.338	10.75	12.	18.9	20.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/81-09/16/92	77	1750.	2417.519	11400.	47.	4907845.963	2215.366	276.4	1195.	2960.	4976.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-09/16/92	86	1145.	1170.512	1490.	846.	26613.9	163.138	986.4	1017.5	1340.	1387.2
00400	PH (STANDARD UNITS)	02/10/72-09/16/92	93	8.	8.042	9.5	7.1	0.072	0.269	7.8	7.9	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	02/10/72-09/16/92	93	8.	7.969	9.5	7.1	0.078	0.279	7.8	7.9	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-09/16/92	93	0.01	0.011	0.079	0.	0.	0.008	0.005	0.008	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/81-09/16/92	80	130.	128.588	148.	110.	67.866	8.238	119.	120.	134.	138.9
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/81-09/16/92	77	78.	78.156	93.	68.	28.923	5.378	72.	74.	81.	87.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/81-09/16/92	77	20.	19.857	25.	14.	8.098	2.846	16.	18.	22.	24.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/81-09/16/92	77	130.	136.883	190.	100.	603.315	24.562	110.	115.	160.	170.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/81-09/16/92	77	5.4	5.49	7.7	4.3	0.421	0.649	4.7	5.	5.85	6.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-09/16/92	86	130.	138.907	220.	63.	1141.285	33.783	100.	120.	170.	190.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-09/16/92	86	250.	247.337	310.	141.	1265.332	35.572	200.	220.	270.	290.
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/81-09/16/92	77	16.	16.429	19.	14.	1.722	1.312	15.	15.	17.5	18.

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

Station Inventory for Station: AMIS0034

NPS Station ID: AMIS0034
LAT/LON: 29.416670/-101.033338
Agency: 112WRD
Date Created: / /
Location: RIO GRANDE BELOW AMISTAD DAM NR DEL RIO, TX
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 08450900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13080001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	180	18.25	17.926	27.	0.	25.653	5.065	11.	14.	22.	24.95
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/75-09/21/77	4	1125.	2120.75	5300.	933.	4505288.917	2122.567	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	184	1735.	2336.592	13200.	20.	5068025.554	2251.228	211.	949.75	2935.	5015.
00065	STAGE, STREAM (FEET)	07/20/83-10/17/84	5	0.47	0.686	1.7	0.24	0.335	0.579	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/80-10/15/80	1	986.	986.	986.	986.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	188	1080.	1135.426	1500.	898.	20509.732	143.212	1000.	1020.	1217.5	1370.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	187	8.	7.951	8.3	7.5	0.025	0.159	7.7	7.8	8.	8.2
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	187	8.	7.921	8.3	7.5	0.026	0.162	7.7	7.8	8.	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	187	0.01	0.012	0.032	0.005	0.	0.005	0.006	0.01	0.016	0.02
00403	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	146	8.1	8.052	8.7	5.8	0.058	0.241	7.9	8.	8.125	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	146	8.1	7.701	8.7	5.8	0.182	0.427	7.9	8.	8.125	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	146	0.008	0.02	1.585	0.002	0.017	0.13	0.006	0.008	0.01	0.013
00405	CARBON DIOXIDE (MG/L AS CO2)	03/01/71-09/17/80	40	2.4	2.915	8.1	1.3	2.294	1.514	1.51	2.	3.45	5.88
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	188	130.	126.122	152.	0.	346.482	18.614	115.	120.	135.	140.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/15/80-10/15/80	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/01/71-09/17/80	40	150.	150.	170.	140.	71.795	8.473	140.	140.	160.	160.
00445	CARBONATE ION (MG/L AS CO3)	03/01/71-09/17/80	40	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/74-08/17/77	3	0.3	0.267	0.3	0.2	0.003	0.058	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	02/20/85-02/20/85	1	85000.	85000.	85000.	85000.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-03/16/83	69	260.	257.536	290.	240.	110.017	10.489	250.	250.	260.	270.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-03/16/83	69	130.	134.493	160.	110.	98.636	9.932	120.	130.	140.	150.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	187	77.	76.775	93.	20.	52.971	7.278	69.8	73.	81.	86.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	186	20.	19.575	27.	14.	6.646	2.578	16.	17.75	21.	23.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	187	120.	130.69	190.	99.	549.85	23.449	110.	110.	150.	170.
00931	SODIUM ADSORPTION RATIO	03/01/71-03/16/83	69	3.1	3.091	3.6	2.6	0.049	0.221	2.8	2.9	3.2	3.4
00932	SODIUM, PERCENT	03/01/71-03/16/83	67	48.	48.672	81.	43.	21.012	4.584	46.	47.	49.	51.
00933	SODIUM,PLUS POTASSIUM (MG/L)	05/16/79-02/20/80	10	120.	119.	120.	110.	10.	3.162	111.	120.	120.	120.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	184	5.3	5.349	7.7	3.5	0.315	0.561	4.7	5.	5.7	6.
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	187	130.	135.289	220.	93.	911.561	30.192	100.	110.	150.	180.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	187	240.	241.818	310.	190.	771.945	27.784	210.	220.	260.	280.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/74-01/20/93	27	0.9	0.889	1.1	0.7	0.006	0.08	0.8	0.8	0.9	1.
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	186	17.	16.452	19.	1.	2.735	1.654	15.	16.	17.	18.
01020	BORON, DISSOLVED (UG/L AS B)	03/01/71-08/17/77	3	180.	180.	180.	180.	0.	0.	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	10/18/89-02/17/93	38	133.	131.342	144.	116.	43.42	6.589	120.9	125.75	136.5	138.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/22/77-08/17/77	3	654.	656.	666.	648.	84.	9.165	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-03/16/83	69	634.	634.391	683.	602.	341.83	18.489	609.	621.5	647.5	660.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/75-01/19/83	67	2850.	3666.143	14800.	34.1	11312104.361	3363.347	95.8	1590.	4330.	9010.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/16/83	68	0.86	0.864	0.93	0.82	0.001	0.026	0.829	0.85	0.88	0.9

** - 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

Parameter Inventory for Station: AMIS0034

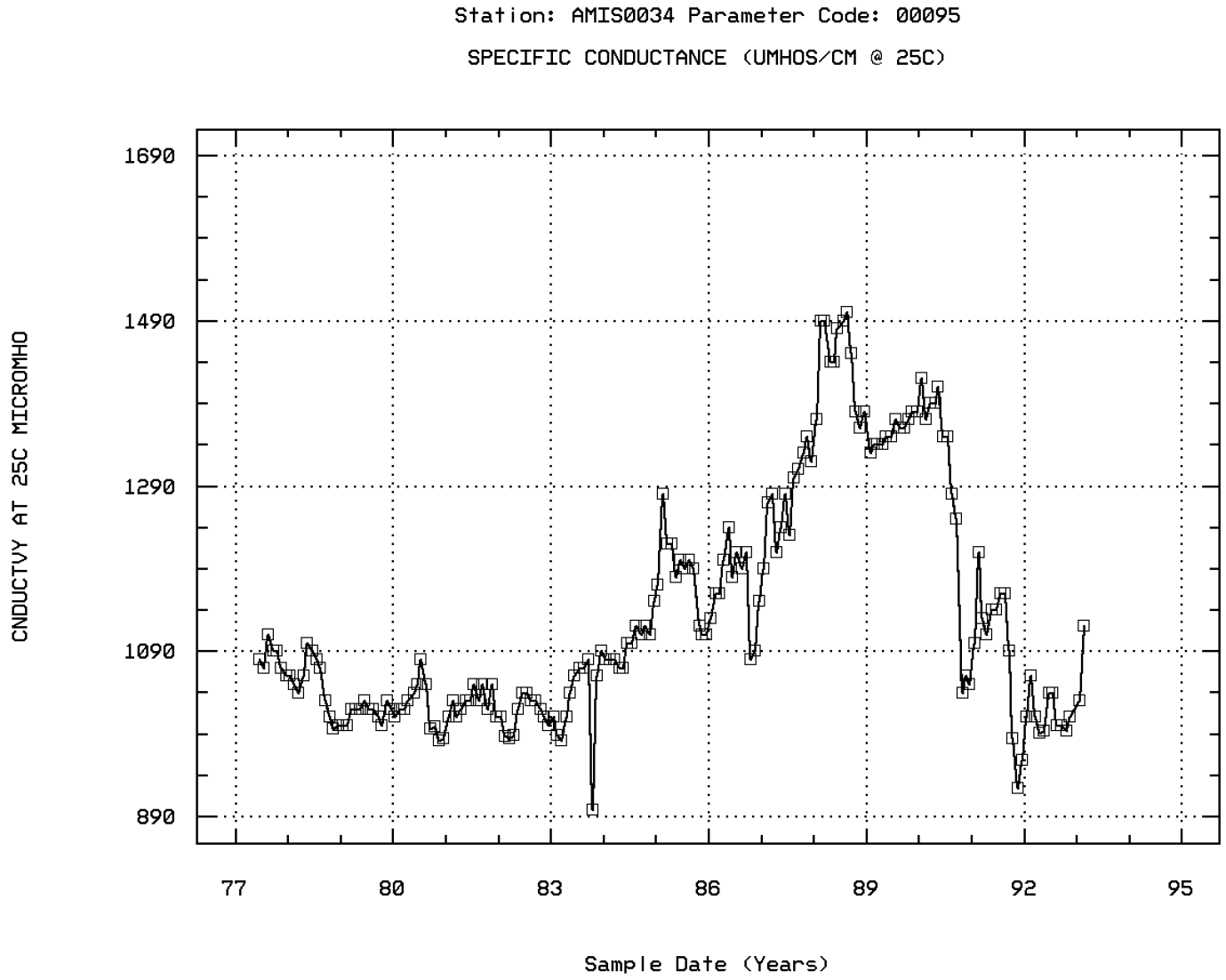
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	12/19/80-06/22/81	7	3.4	3.429	3.5	3.4	0.002	0.049	**	**	**	**

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

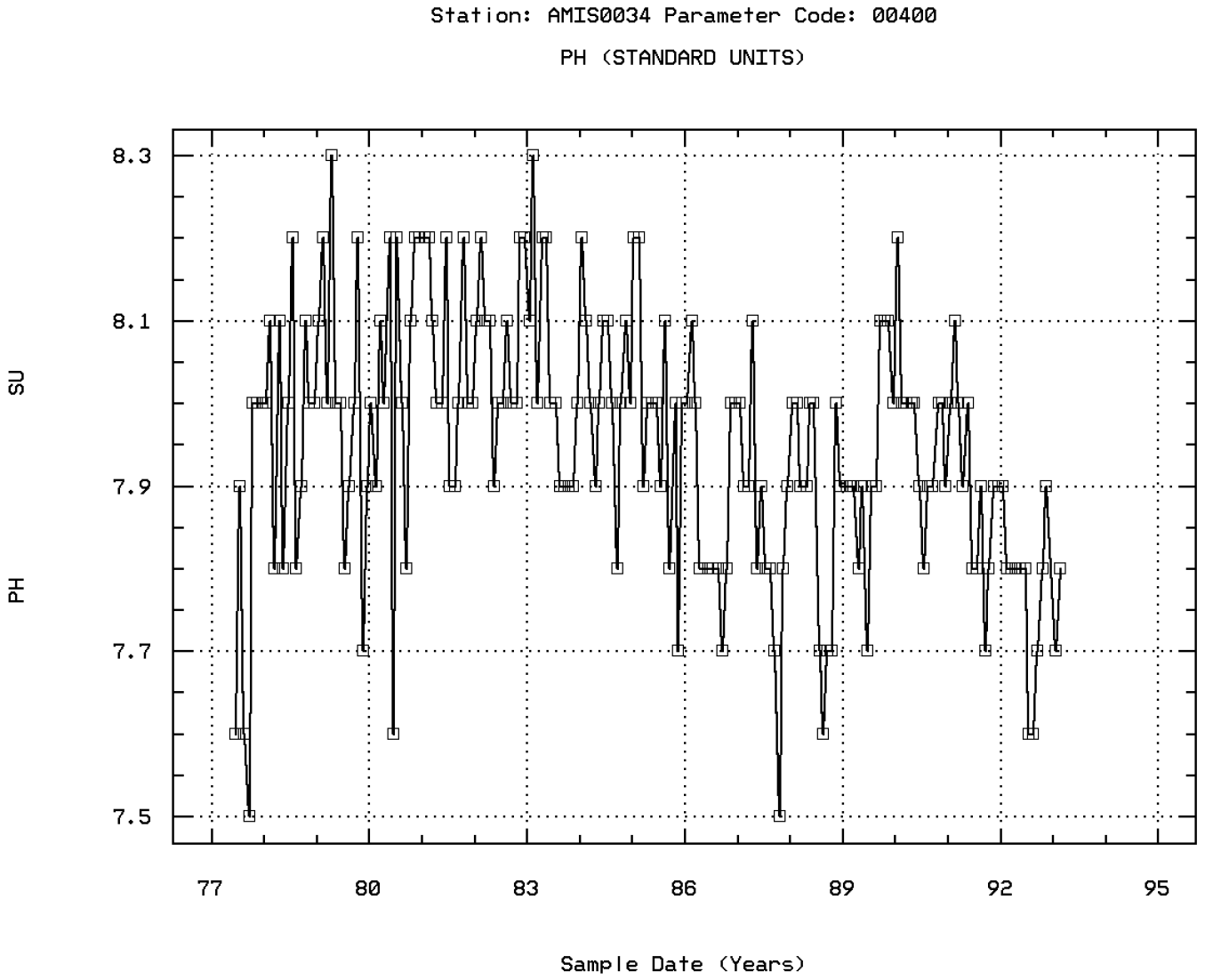
EPA Water Quality Criteria Analysis for Station: AMIS0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	187	0	0.00	80	0	0.00	107	0	0.00						
		Other-Lo Lim.	6.5	187	0	0.00	80	0	0.00	107	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	146	0	0.00	62	0	0.00	84	0	0.00						
		Other-Lo Lim.	6.5	146	1	0.01	62	0	0.00	84	1	0.01						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	187	0	0.00	81	0	0.00	106	0	0.00						
		Drinking Water	250.	187	0	0.00	81	0	0.00	106	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	187	76	0.41	81	32	0.40	106	44	0.42						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	27	0	0.00	12	0	0.00	15	0	0.00						

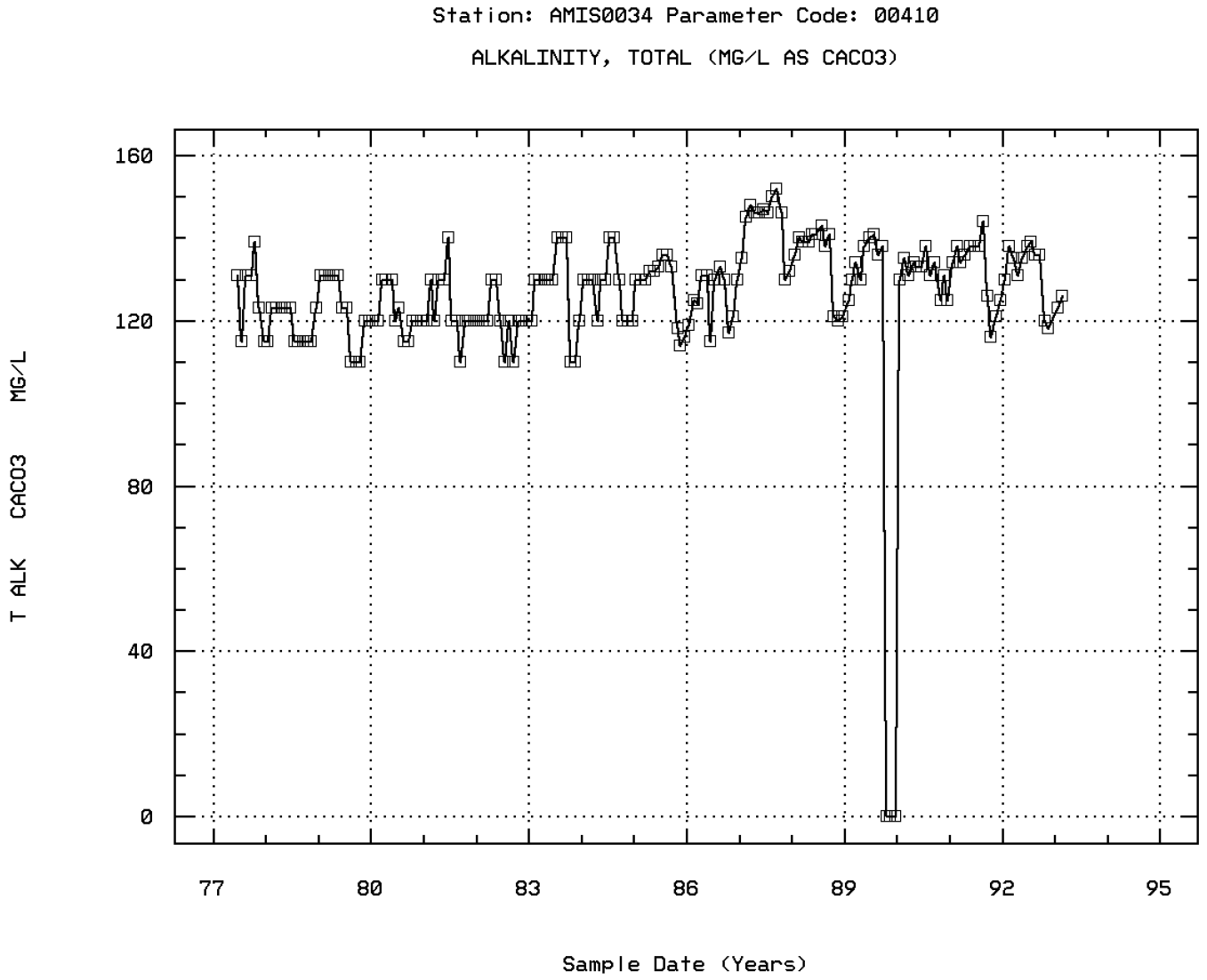
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO



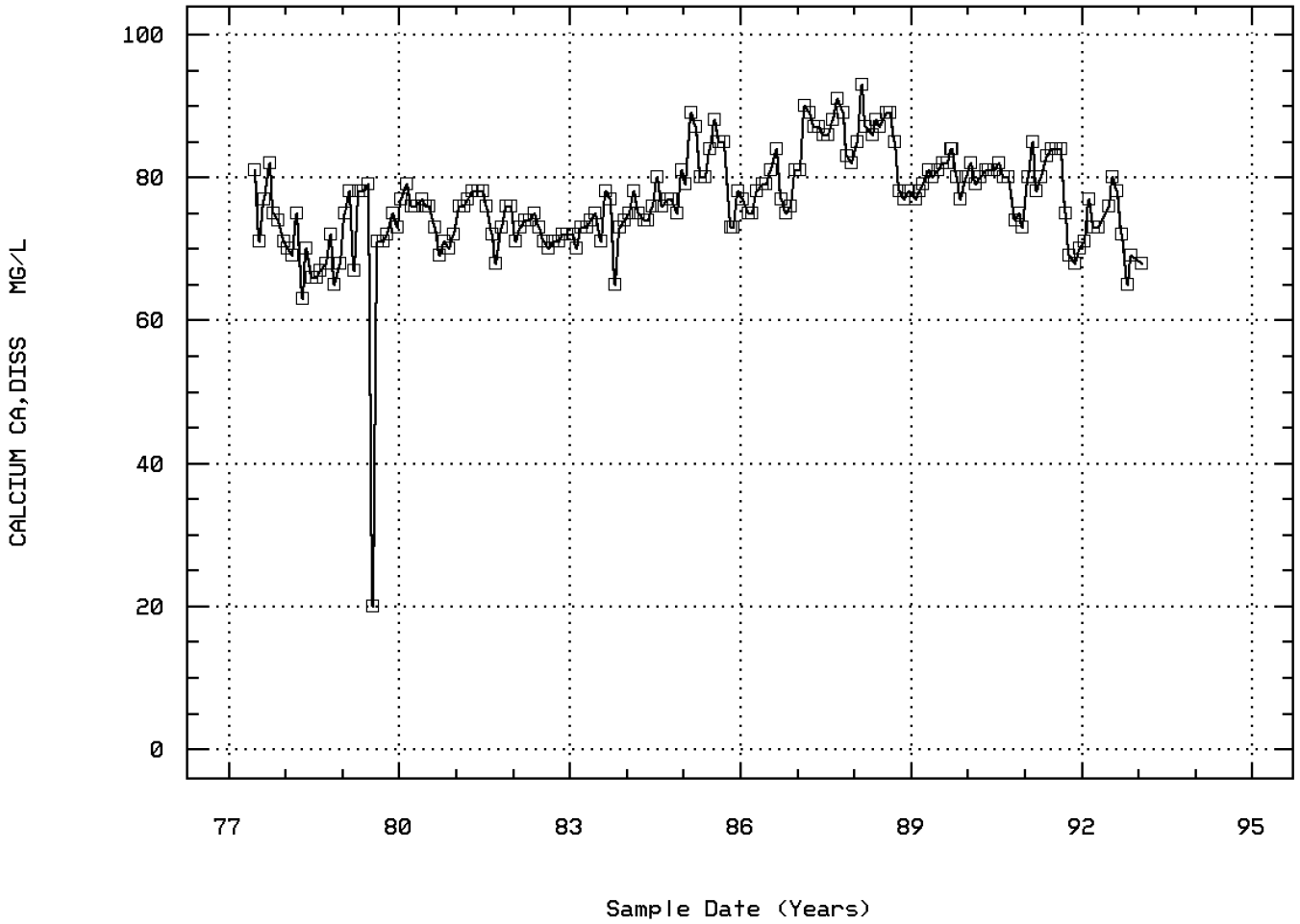
RIO GRANDE BELOW AMISTAD DAM NR DEL RIO



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00915

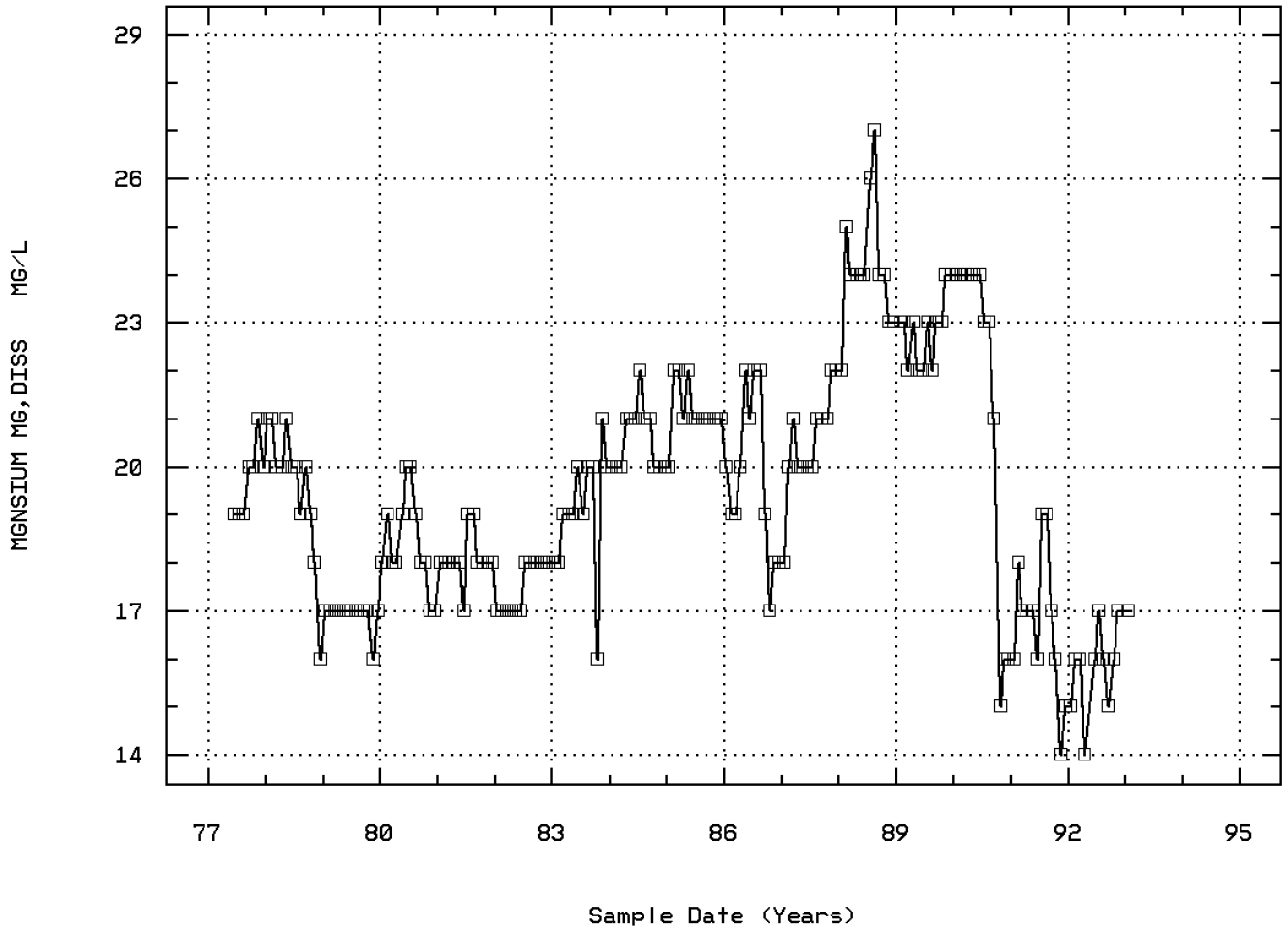
CALCIUM, DISSOLVED (MG/L AS CA)



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00925

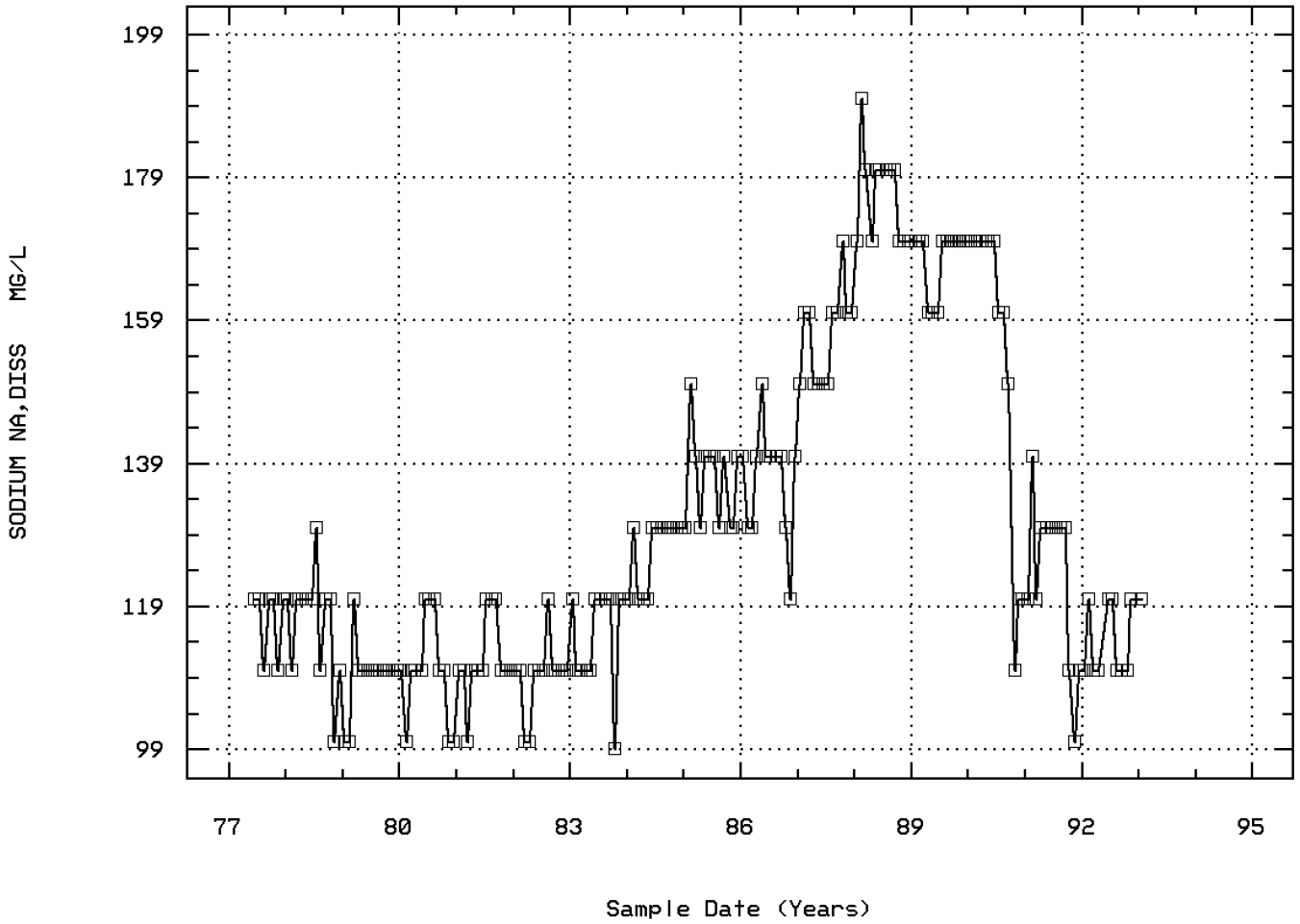
MAGNESIUM, DISSOLVED (MG/L AS MG)



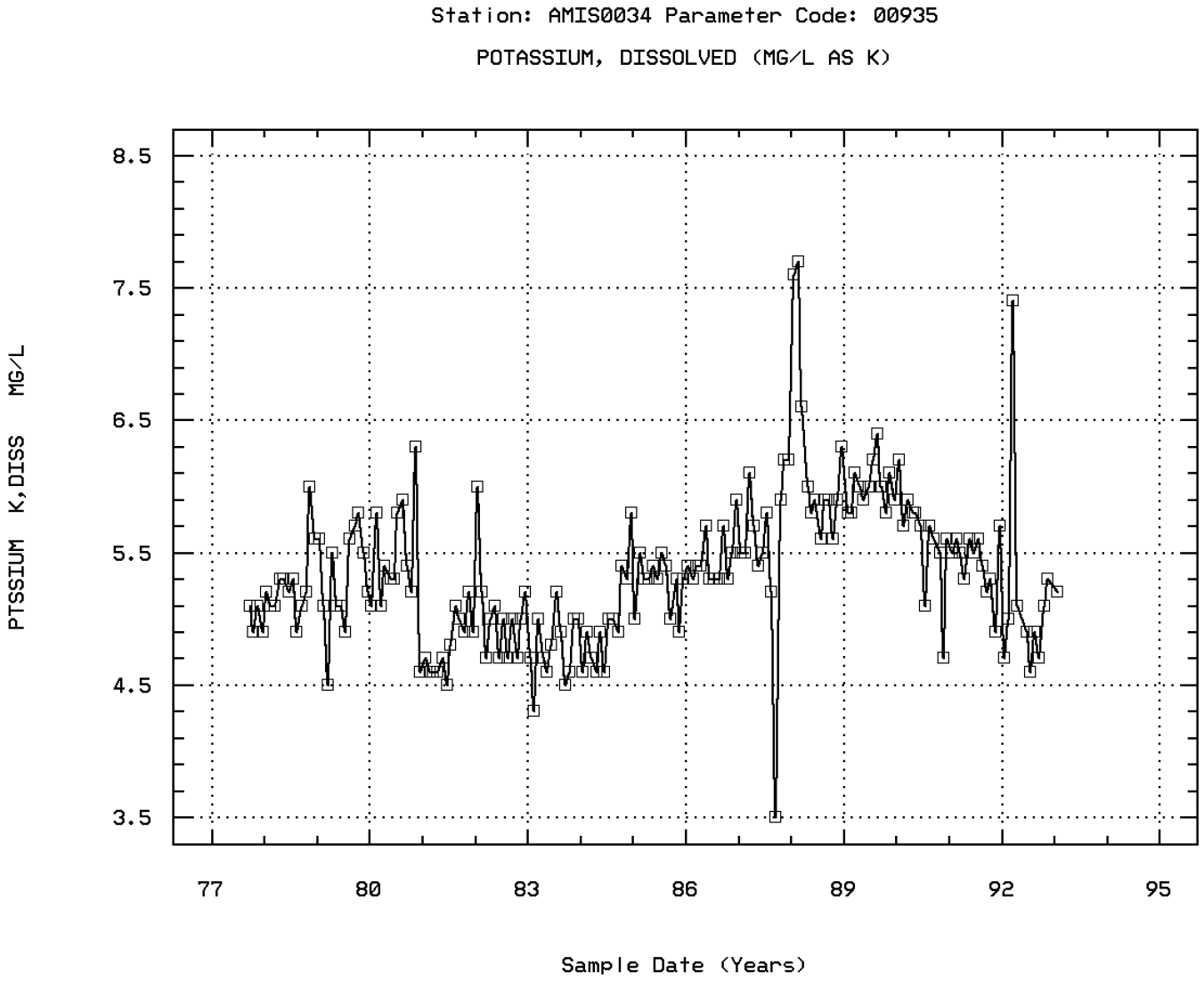
RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00930

SODIUM, DISSOLVED (MG/L AS NA)



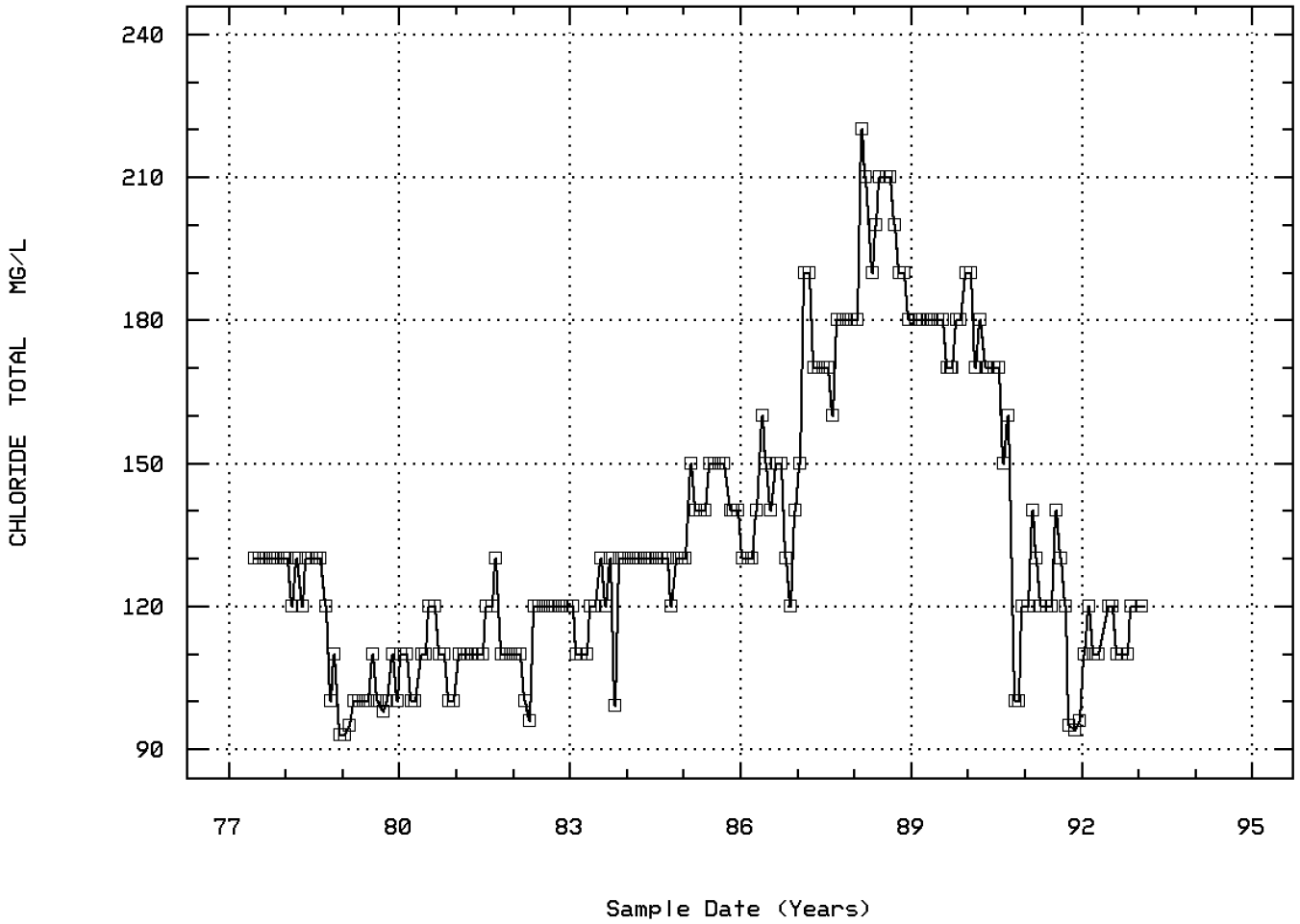
RIO GRANDE BELOW AMISTAD DAM NR DEL RIO



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00940

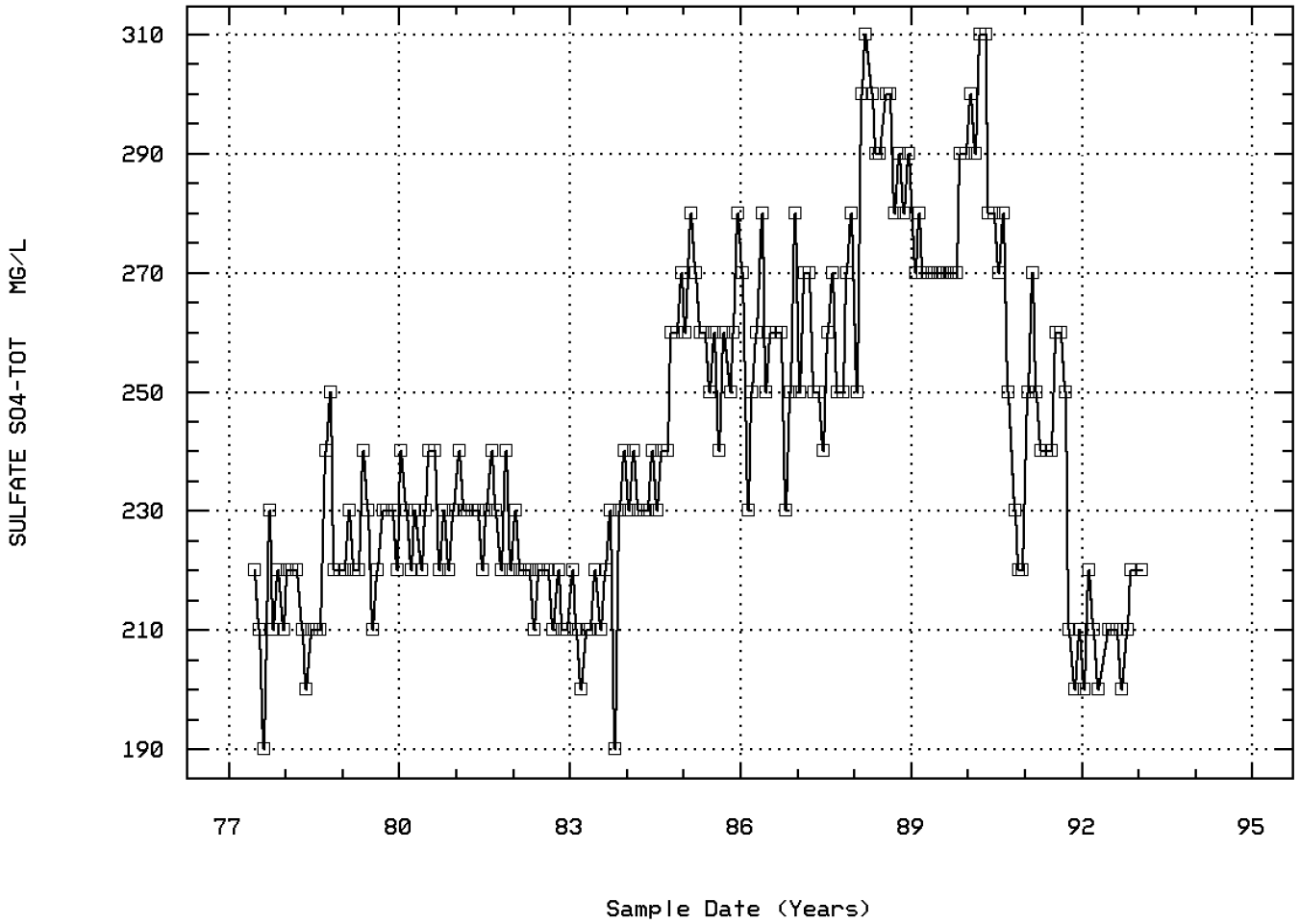
CHLORIDE,TOTAL IN WATER



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00945

SULFATE, TOTAL (MG/L AS SO4)



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Annual Analysis for 1977 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	6	17.5	19.5	26.	13.	28.3	5.32	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	4	934.	2015.	5300.	892.	4797404.667	2190.298	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	7	1080.	1081.429	1110.	1060.	280.952	16.762	**	**	**	**
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	7	7.9	7.8	8.	7.5	0.05	0.224	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	7	7.9	7.75	8.	7.5	0.053	0.23	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	7	0.013	0.018	0.032	0.01	0.	0.009	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	7	131.	126.429	139.	115.	82.286	9.071	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-03/16/83	7	270.	271.429	290.	260.	114.286	10.69	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-03/16/83	7	140.	144.286	160.	130.	95.238	9.759	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	7	75.	75.857	82.	71.	19.476	4.413	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	7	20.	19.714	21.	19.	0.571	0.756	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	7	120.	117.143	120.	110.	23.81	4.88	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/01/71-03/16/83	7	3.1	3.1	3.3	2.9	0.023	0.153	**	**	**	**
00932	SODIUM, PERCENT	03/01/71-03/16/83	4	48.	48.	50.	46.	3.333	1.826	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	4	5.	5.	5.1	4.9	0.013	0.115	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	7	130.	130.	130.	130.	0.	0.	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	7	210.	212.857	230.	190.	157.143	12.536	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	7	17.	16.857	18.	14.	2.143	1.464	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-03/16/83	7	652.	651.571	683.	622.	422.286	20.55	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/75-01/19/83	7	1690.	2897.143	9770.	1580.	9227790.476	3037.728	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/16/83	7	0.89	0.896	0.93	0.87	0.	0.02	**	**	**	**

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

Annual Analysis for 1978 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	10	19.75	19.2	26.5	10.	39.067	6.25	10.05	12.75	26.	26.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	1830.	2371.667	6640.	57.	4364365.152	2089.106	93.9	924.5	4105.	6175.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1055.	1048.833	1100.	996.	1190.879	34.509	997.2	1015.	1077.5	1097.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	7.983	8.2	7.8	0.018	0.134	7.8	7.825	8.1	8.17
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	7.964	8.2	7.8	0.018	0.135	7.8	7.825	8.1	8.17
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.01	0.011	0.016	0.006	0.	0.003	0.007	0.008	0.015	0.016
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	119.	119.	123.	115.	17.455	4.178	115.	115.	123.	123.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-03/16/83	12	250.	252.5	270.	240.	93.182	9.653	240.	242.5	260.	267.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-03/16/83	12	135.	132.5	150.	110.	165.909	12.881	113.	120.	140.	150.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	68.	68.25	75.	63.	10.568	3.251	63.6	66.	70.	74.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	12	20.	19.583	21.	16.	2.083	1.443	16.6	19.	20.75	21.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	120.	116.667	130.	100.	60.606	7.785	103.	110.	120.	127.
00931	SODIUM ADSORPTION RATIO	03/01/71-03/16/83	12	3.2	3.208	3.6	2.8	0.041	0.202	2.86	3.1	3.3	3.54
00932	SODIUM, PERCENT	03/01/71-03/16/83	12	49.5	49.583	53.	47.	2.811	1.676	47.	49.	50.75	52.4
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	5.2	5.275	6.	4.9	0.08	0.283	4.96	5.1	5.3	5.88
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	125.	120.25	130.	93.	166.205	12.892	95.1	112.5	130.	130.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	220.	219.167	250.	200.	190.152	13.79	203.	210.	220.	247.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	12	16.	16.333	18.	15.	1.152	1.073	15.	15.25	17.	18.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-03/16/83	12	639.	636.917	660.	602.	382.447	19.556	602.3	626.5	652.75	659.7
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/75-01/19/83	12	3140.	4107.483	11400.	92.8	13093697.167	3618.521	160.06	1522.5	7192.5	10626.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/16/83	12	0.87	0.867	0.9	0.82	0.001	0.028	0.82	0.85	0.89	0.9

** - 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 1979 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	12	20.	18.592	26.	9.5	42.91	6.551	9.65	12.	24.4	25.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	1810.	2301.667	6290.	692.	3384179.515	1839.614	705.8	1060.	2567.5	6119.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1020.	1015.833	1030.	1000.	117.424	10.836	1000.	1002.5	1020.	1030.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	8.008	8.3	7.7	0.03	0.173	7.73	7.9	8.175	8.27
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	7.977	8.3	7.7	0.031	0.176	7.73	7.9	8.175	8.27
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.01	0.011	0.02	0.005	0.	0.004	0.005	0.007	0.013	0.019
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	123.	122.583	131.	110.	76.629	8.754	110.	112.5	131.	131.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-03/16/83	11	250.	254.545	270.	240.	67.273	8.202	242.	250.	260.	268.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-03/16/83	11	130.	130.	140.	110.	60.	7.746	114.	130.	130.	140.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	74.	69.75	79.	20.	258.75	16.086	34.1	71.	78.	78.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	11	17.	16.909	17.	16.	0.091	0.302	16.2	17.	17.	17.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	110.	109.167	120.	100.	26.515	5.149	100.	110.	110.	117.
00931	SODIUM ADSORPTION RATIO	03/01/71-03/16/83	11	3.	2.955	3.4	2.7	0.035	0.186	2.7	2.9	3.	3.32
00932	SODIUM, PERCENT	03/01/71-03/16/83	12	48.	51.583	81.	45.	98.629	9.931	45.	47.	54.25	73.5
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	5.35	5.3	5.8	4.5	0.145	0.381	4.62	5.1	5.6	5.77
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	100.	100.5	110.	93.	25.	5.	93.6	98.5	100.	110.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	225.	225.	240.	210.	63.636	7.977	213.	220.	230.	237.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	11	16.	16.	17.	14.	1.2	1.095	14.2	15.	17.	17.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-03/16/83	11	621.	622.364	645.	604.	137.655	11.733	605.	616.	630.	643.4
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/75-01/19/83	11	2990.	4080.	10600.	1150.	10513860.	3242.508	1174.	1780.	4510.	10472.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/16/83	11	0.84	0.847	0.88	0.82	0.	0.017	0.822	0.84	0.86	0.878

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	11	23.	19.682	27.	10.5	41.864	6.47	10.8	12.	25.5	26.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	2195.	2431.583	7840.	56.	4853277.356	2203.016	56.	352.75	3792.5	6685.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1020.	1021.75	1080.	982.	883.659	29.726	982.6	996.75	1047.5	1071.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.05	8.025	8.2	7.6	0.035	0.186	7.66	7.925	8.2	8.2
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.047	7.983	8.2	7.6	0.037	0.191	7.66	7.925	8.2	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.009	0.01	0.025	0.006	0.	0.005	0.006	0.006	0.012	0.022
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	3	8.	8.	8.1	7.9	0.01	0.1	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	3	8.	7.992	8.1	7.9	0.01	0.1	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	3	0.01	0.01	0.013	0.008	0.	0.002	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	120.	121.917	130.	115.	28.629	5.351	115.	120.	128.25	130.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-03/16/83	12	260.	260.833	280.	240.	135.606	11.645	243.	250.	270.	277.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-03/16/83	12	140.	138.333	150.	120.	106.061	10.299	123.	130.	150.	150.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	76.	74.333	79.	69.	10.242	3.2	69.3	71.25	76.75	78.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	12	18.	18.417	20.	17.	0.992	0.996	17.	18.	19.	20.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	110.	110.	120.	100.	54.545	7.385	100.	102.5	117.5	120.
00931	SODIUM ADSORPTION RATIO	03/01/71-03/16/83	12	2.9	2.958	3.2	2.6	0.035	0.188	2.66	2.825	3.175	3.2
00932	SODIUM, PERCENT	03/01/71-03/16/83	12	47.	47.	49.	43.	2.727	1.651	43.9	46.	48.	49.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	5.35	5.433	6.3	4.6	0.204	0.452	4.75	5.125	5.8	6.18
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	110.	108.333	120.	100.	51.515	7.177	100.	100.	110.	120.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	230.	229.167	240.	220.	62.879	7.93	220.	220.	237.5	240.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	12	17.	16.833	17.	16.	0.152	0.389	16.	17.	17.	17.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-03/16/83	12	634.5	636.083	673.	602.	438.992	20.952	605.3	619.5	651.75	670.3
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/75-01/19/83	12	3885.	4247.025	14200.	92.7	15679662.942	3959.755	93.63	604.35	6492.5	12046.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/16/83	12	0.86	0.866	0.92	0.82	0.001	0.03	0.823	0.843	0.89	0.914

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	11	18.5	19.682	26.	13.	19.814	4.451	13.2	16.	24.5	25.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	1695.	1774.083	8400.	20.	5157462.629	2271.005	28.1	207.5	2177.5	6591.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1030.	1028.333	1050.	1010.	233.333	15.275	1010.	1012.5	1045.	1050.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	8.058	8.2	7.9	0.014	0.116	7.9	8.	8.2	8.2
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	8.044	8.2	7.9	0.014	0.117	7.9	8.	8.2	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.01	0.009	0.013	0.006	0.	0.002	0.006	0.006	0.01	0.013
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	12	8.1	8.05	8.2	7.9	0.012	0.109	7.9	7.925	8.1	8.2
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	12	8.1	8.037	8.2	7.9	0.012	0.11	7.9	7.925	8.1	8.2
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	12	0.008	0.009	0.013	0.006	0.	0.002	0.006	0.008	0.012	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	120.	123.333	140.	110.	60.606	7.785	113.	120.	130.	137.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-03/16/83	12	260.	261.667	270.	240.	69.697	8.348	246.	260.	270.	270.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-03/16/83	12	140.	136.667	150.	120.	60.606	7.785	123.	130.	140.	147.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	76.	75.333	78.	68.	8.788	2.964	69.2	73.75	77.75	78.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	12	18.	18.083	19.	17.	0.265	0.515	17.3	18.	18.	19.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	110.	111.667	120.	100.	33.333	5.774	103.	110.	117.5	120.
00931	SODIUM ADSORPTION RATIO	03/01/71-03/16/83	12	3.	3.092	3.6	2.7	0.079	0.281	2.76	2.9	3.35	3.57
00932	SODIUM, PERCENT	03/01/71-03/16/83	12	47.	47.583	51.	44.	3.174	1.782	44.9	47.	48.75	50.7
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	4.75	4.8	5.2	4.5	0.049	0.222	4.53	4.6	4.975	5.17
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	110.	113.333	130.	110.	42.424	6.513	110.	110.	117.5	127.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	230.	230.	240.	220.	54.545	7.385	220.	222.5	237.5	240.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	12	17.	16.833	18.	16.	0.515	0.718	16.	16.	17.	18.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-03/16/83	12	645.	644.25	665.	625.	150.932	12.285	625.9	632.	652.75	663.2
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/75-01/19/83	12	2910.	3106.408	14800.	34.1	16030016.314	4003.75	47.51	366.5	3797.5	11626.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/16/83	12	0.88	0.876	0.9	0.85	0.	0.017	0.85	0.863	0.888	0.9

** - 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 1982 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	12	19.25	19.542	26.5	10.	30.021	5.479	11.2	15.625	25.75	26.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	1600.	2024.667	4940.	48.	2289449.697	1513.093	60.	1132.5	2902.5	4781.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1015.	1013.333	1040.	985.	400.424	20.011	985.6	991.	1030.	1040.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.1	8.075	8.2	7.9	0.009	0.097	7.93	8.	8.175	8.2
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.1	8.065	8.2	7.9	0.009	0.097	7.93	8.	8.175	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.008	0.009	0.013	0.006	0.	0.002	0.006	0.007	0.01	0.012
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	12	8.2	8.033	8.7	5.8	0.528	0.727	6.46	8.1	8.3	8.61
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	12	8.2	6.861	8.7	5.8	2.028	1.424	6.46	8.1	8.3	8.61
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	12	0.006	0.138	1.585	0.002	0.208	0.456	0.003	0.005	0.008	1.112
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	120.	120.	130.	110.	36.364	6.03	110.	120.	120.	130.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-03/16/83	12	250.	250.833	260.	250.	8.333	2.887	250.	250.	250.	257.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-03/16/83	12	130.	130.833	140.	120.	26.515	5.149	123.	130.	130.	140.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	72.	72.25	75.	70.	2.386	1.545	70.3	71.	73.75	74.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	12	17.5	17.5	18.	17.	0.273	0.522	17.	17.	18.	18.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	110.	109.167	120.	100.	26.515	5.149	100.	110.	110.	117.
00931	SODIUM ADSORPTION RATIO	03/01/71-03/16/83	12	3.2	3.175	3.5	2.9	0.024	0.154	2.9	3.2	3.2	3.41
00932	SODIUM, PERCENT	03/01/71-03/16/83	12	48.	47.833	51.	45.	1.97	1.403	45.3	48.	48.	50.1
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	5.	5.025	6.	4.7	0.131	0.362	4.7	4.7	5.175	5.76
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	120.	114.667	120.	96.	75.879	8.711	97.2	110.	120.	120.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	220.	217.5	230.	210.	38.636	6.216	210.	210.	220.	227.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	12	17.	15.5	18.	1.	21.364	4.622	5.5	16.	17.	18.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-03/16/83	12	624.	623.667	643.	604.	130.97	11.444	604.6	617.	633.25	640.3
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/75-01/19/83	12	2665.	3412.55	8420.	82.6	6682323.339	2585.019	102.22	1910.	4917.5	8159.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/16/83	12	0.85	0.847	0.87	0.82	0.	0.015	0.82	0.84	0.86	0.867

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	12	17.25	16.208	21.	11.	13.975	3.738	11.15	12.	19.75	20.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	1465.	1563.75	3710.	396.	742110.932	861.459	495.3	894.	1955.	3263.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1050.	1029.833	1090.	898.	3044.697	55.179	923.2	993.5	1070.	1087.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	8.033	8.3	7.9	0.019	0.137	7.9	7.9	8.175	8.27
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	8.015	8.3	7.9	0.019	0.138	7.9	7.9	8.175	8.27
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.01	0.01	0.013	0.005	0.	0.003	0.005	0.007	0.013	0.013
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	12	8.1	8.075	8.3	7.7	0.026	0.16	7.76	8.	8.2	8.27
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	12	8.1	8.045	8.3	7.7	0.027	0.163	7.76	8.	8.2	8.27
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	12	0.008	0.009	0.02	0.005	0.	0.004	0.005	0.006	0.01	0.018
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	130.	127.5	140.	110.	111.364	10.553	110.	120.	137.5	140.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-03/16/83	3	250.	253.333	260.	250.	33.333	5.774	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-03/16/83	3	130.	126.667	130.	120.	33.333	5.774	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	73.	72.917	78.	65.	11.356	3.37	66.5	71.25	74.75	77.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	12	19.	19.083	21.	16.	1.72	1.311	16.6	18.25	20.	20.7
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	120.	114.917	120.	99.	48.265	6.947	102.3	110.	120.	120.
00931	SODIUM ADSORPTION RATIO	03/01/71-03/16/83	3	3.2	3.3	3.5	3.2	0.03	0.173	**	**	**	**
00932	SODIUM, PERCENT	03/01/71-03/16/83	3	49.	48.667	50.	47.	2.333	1.528	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	4.75	4.775	5.2	4.3	0.066	0.256	4.36	4.6	5.	5.14
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	120.	119.083	130.	99.	102.811	10.14	102.3	110.	130.	130.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	215.	215.833	240.	190.	190.152	13.79	193.	210.	227.5	237.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	12	17.5	17.333	18.	15.	0.788	0.888	15.6	17.	18.	18.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-03/16/83	3	618.	625.	645.	612.	309.	17.578	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/75-01/19/83	1	1990.	1990.	1990.	1990.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/16/83	2	0.86	0.86	0.88	0.84	0.001	0.028	**	**	**	**

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Annual Analysis for 1984 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	12	19.	18.167	24.5	9.5	18.379	4.287	10.7	15.25	21.	24.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	1460.	2030.333	8860.	374.	5580282.242	2362.262	396.2	521.25	2322.5	7303.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1100.	1099.167	1150.	1070.	590.152	24.293	1070.	1080.	1117.5	1141.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	8.025	8.2	7.8	0.011	0.106	7.83	8.	8.1	8.17
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	8.013	8.2	7.8	0.011	0.106	7.83	8.	8.1	8.17
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.01	0.01	0.016	0.006	0.	0.003	0.007	0.008	0.01	0.015
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	12	8.1	8.133	8.4	7.9	0.022	0.15	7.93	8.	8.275	8.37
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	12	8.1	8.11	8.4	7.9	0.023	0.152	7.93	8.	8.275	8.37
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	12	0.008	0.008	0.013	0.004	0.	0.003	0.004	0.005	0.01	0.012
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	130.	128.333	140.	120.	51.515	7.177	120.	120.	130.	140.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	76.	76.5	81.	74.	5.	2.236	74.	75.	77.75	80.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	12	20.5	20.583	22.	20.	0.447	0.669	20.	20.	21.	21.7
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	130.	126.667	130.	120.	24.242	4.924	120.	120.	130.	130.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	4.9	4.975	5.8	4.6	0.135	0.367	4.6	4.625	5.225	5.68
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	130.	129.167	130.	120.	8.333	2.887	123.	130.	130.	130.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	240.	241.667	270.	230.	196.97	14.035	230.	230.	255.	267.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	12	18.	17.833	19.	17.	0.515	0.718	17.	17.	18.	19.

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

Annual Analysis for 1985 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	12	17.75	17.292	26.	11.	19.703	4.439	11.	14.125	20.375	24.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	1345.	1387.417	2390.	47.	683846.629	826.95	48.5	1042.5	2307.5	2375.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1190.	1182.5	1280.	1110.	2511.364	50.114	1110.	1132.5	1215.	1262.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	7.983	8.2	7.7	0.022	0.147	7.73	7.9	8.075	8.2
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	7.96	8.2	7.7	0.022	0.149	7.73	7.9	8.075	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.01	0.011	0.02	0.006	0.	0.004	0.006	0.008	0.013	0.019
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	11	8.1	8.073	8.3	7.9	0.014	0.119	7.9	8.	8.1	8.28
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	11	8.1	8.058	8.3	7.9	0.014	0.12	7.9	8.	8.1	8.28
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	11	0.008	0.009	0.013	0.005	0.	0.002	0.005	0.008	0.01	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	131.	128.333	136.	114.	60.061	7.75	114.6	121.	133.	136.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	82.	81.75	89.	73.	29.659	5.446	73.	78.25	86.5	88.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	12	21.	21.167	22.	20.	0.333	0.577	20.3	21.	21.75	22.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	140.	136.667	150.	130.	42.424	6.513	130.	130.	140.	147.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	5.3	5.267	5.5	4.9	0.039	0.197	4.93	5.075	5.4	5.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	140.	143.333	150.	130.	42.424	6.513	133.	140.	150.	150.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	260.	260.833	280.	240.	135.606	11.645	243.	252.5	267.5	280.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	12	18.	18.083	19.	17.	0.447	0.669	17.	18.	18.75	19.

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Annual Analysis for 1986 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	12	20.5	18.333	24.	11.	28.242	5.314	11.	12.	22.75	24.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	2290.	3240.417	11400.	865.	9065002.083	3010.814	908.5	1490.	3917.5	9951.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1170.	1166.667	1240.	1080.	2369.697	48.68	1083.	1135.	1207.5	1231.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	11	7.8	7.891	8.1	7.7	0.017	0.13	7.72	7.8	8.	8.08
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	11	7.8	7.874	8.1	7.7	0.017	0.131	7.72	7.8	8.	8.08
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	11	0.016	0.013	0.02	0.008	0.	0.004	0.008	0.01	0.016	0.019
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	12	8.	8.025	8.2	7.9	0.007	0.087	7.9	8.	8.1	8.17
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	12	8.	8.017	8.2	7.9	0.008	0.087	7.9	8.	8.1	8.17
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	12	0.01	0.01	0.013	0.006	0.	0.002	0.007	0.008	0.01	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	127.5	125.5	133.	115.	38.636	6.216	115.6	119.5	130.75	132.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	77.5	78.083	84.	75.	8.083	2.843	75.	75.25	80.5	83.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	12	19.5	19.75	22.	17.	2.932	1.712	17.3	18.25	21.75	22.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	140.	136.667	150.	120.	60.606	7.785	123.	130.	140.	147.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	5.4	5.458	5.9	5.3	0.041	0.202	5.3	5.3	5.65	5.84
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	140.	139.167	160.	120.	135.606	11.645	123.	130.	150.	157.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	260.	256.667	280.	230.	260.606	16.143	230.	250.	267.5	280.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	12	16.	16.25	18.	15.	1.114	1.055	15.	15.25	17.	18.

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

Annual Analysis for 1987 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	12	18.75	17.667	23.5	12.	10.833	3.291	12.6	14.375	19.875	22.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	2000.	2132.083	4590.	154.	2370443.356	1539.624	192.7	956.	3627.5	4569.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1280.	1275.833	1350.	1190.	2481.061	49.81	1196.	1232.5	1317.5	1344.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	7.85	7.842	8.1	7.5	0.023	0.151	7.56	7.8	7.9	8.07
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	7.847	7.816	8.1	7.5	0.023	0.153	7.56	7.8	7.9	8.07
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.014	0.015	0.032	0.008	0.	0.006	0.009	0.013	0.016	0.028
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	12	8.05	8.008	8.2	7.4	0.041	0.202	7.58	8.	8.1	8.17
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	12	8.047	7.946	8.2	7.4	0.045	0.212	7.58	8.	8.1	8.17
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	12	0.009	0.011	0.04	0.006	0.	0.009	0.007	0.008	0.01	0.031
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	146.	143.583	152.	130.	50.992	7.141	130.6	137.5	147.75	151.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	87.	86.583	91.	81.	10.083	3.175	81.3	83.75	89.	90.7

** - 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 1987 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	12	20.5	20.5	22.	18.	1.182	1.087	18.6	20.	21.	22.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	160.	156.667	170.	150.	42.424	6.513	150.	150.	160.	167.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	5.6	5.542	6.2	3.5	0.519	0.72	4.01	5.425	6.05	6.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	175.	174.167	190.	150.	135.606	11.645	153.	170.	180.	190.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	255.	259.167	280.	240.	153.788	12.401	243.	250.	270.	277.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	12	14.5	14.667	16.	14.	0.606	0.778	14.	14.	15.	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 1988 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	12	15.75	15.792	22.	10.5	15.066	3.882	10.65	11.875	19.125	21.55
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	2050.	2888.25	9110.	120.	5236748.023	2288.394	459.	1602.	3815.	7565.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1445.	1439.167	1500.	1360.	2844.697	53.336	1363.	1380.	1490.	1497.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	7.9	7.867	8.	7.6	0.022	0.15	7.63	7.7	8.	8.
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	7.9	7.842	8.	7.6	0.023	0.152	7.63	7.7	8.	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.013	0.014	0.025	0.01	0.	0.005	0.01	0.01	0.02	0.024
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	12	8.	7.983	8.3	7.8	0.023	0.153	7.8	7.825	8.1	8.24
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	12	8.	7.96	8.3	7.8	0.024	0.155	7.8	7.825	8.1	8.24
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	12	0.01	0.011	0.016	0.005	0.	0.004	0.006	0.008	0.015	0.016
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	139.	135.	143.	120.	77.818	8.821	120.3	124.75	141.	142.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	86.5	85.167	93.	77.	25.061	5.006	77.3	79.75	88.75	91.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	12	24.	24.167	27.	22.	1.788	1.337	22.3	23.25	24.75	26.7
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	180.	176.667	190.	170.	42.424	6.513	170.	170.	180.	187.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	5.9	6.233	7.7	5.6	0.513	0.716	5.6	5.825	6.525	7.67
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	200.	199.167	220.	180.	171.97	13.114	180.	190.	210.	217.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	290.	290.	310.	250.	236.364	15.374	259.	282.5	300.	307.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	12	15.	15.25	16.	15.	0.205	0.452	15.	15.	15.75	16.

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Annual Analysis for 1989 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	11	18.	16.318	24.	5.5	38.914	6.238	6.2	10.	22.	23.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	1203.5	1664.167	8793.	118.	5597589.97	2365.923	124.9	168.25	1650.	6885.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1355.	1355.833	1380.	1330.	281.061	16.765	1333.	1340.	1370.	1380.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	7.9	7.933	8.1	7.7	0.015	0.123	7.73	7.9	8.075	8.1
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	7.9	7.917	8.1	7.7	0.015	0.124	7.73	7.9	8.075	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.013	0.012	0.02	0.008	0.	0.003	0.008	0.008	0.013	0.019
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	13	8.1	8.054	8.3	7.8	0.019	0.139	7.84	7.95	8.15	8.26
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	13	8.1	8.033	8.3	7.8	0.02	0.141	7.84	7.95	8.15	8.26
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	13	0.008	0.009	0.016	0.005	0.	0.003	0.006	0.007	0.011	0.015
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	132.	101.	141.	0.	3730.364	61.077	0.	31.25	138.	140.7
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	13	80.	80.385	84.	77.	5.256	2.293	77.	78.5	82.	84.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	13	23.	22.846	24.	22.	0.474	0.689	22.	22.	23.	24.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	13	170.	167.692	170.	160.	19.231	4.385	160.	165.	170.	170.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	13	6.	6.	6.4	5.8	0.03	0.173	5.8	5.85	6.1	6.32
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	13	180.	178.462	190.	170.	30.769	5.547	170.	175.	180.	186.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	13	270.	273.846	290.	270.	58.974	7.679	270.	270.	275.	290.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	13	15.	15.538	17.	15.	0.436	0.66	15.	15.	16.	16.6

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Annual Analysis for 1990 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	12	18.75	17.042	23.	0.	40.294	6.348	3.9	13.75	21.5	23.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	2280.	2660.667	6530.	283.	4165304.424	2040.908	303.1	721.25	4432.5	6002.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1350.	1280.	1420.	1040.	21672.727	147.217	1043.	1107.5	1390.	1417.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	7.967	8.2	7.8	0.01	0.098	7.83	7.9	8.	8.14
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	8.	7.957	8.2	7.8	0.01	0.099	7.83	7.9	8.	8.14
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.01	0.011	0.016	0.006	0.	0.002	0.007	0.01	0.013	0.015
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	12	8.1	8.083	8.3	7.8	0.025	0.159	7.8	8.	8.2	8.27
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	12	8.1	8.055	8.3	7.8	0.026	0.161	7.8	8.	8.2	8.27
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	12	0.008	0.009	0.016	0.005	0.	0.004	0.005	0.006	0.01	0.016
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	132.	131.667	138.	125.	14.424	3.798	125.	130.25	134.	137.1
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	80.	79.	82.	73.	10.	3.162	73.3	76.	81.	82.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	12	23.5	21.5	24.	15.	13.182	3.631	15.3	17.25	24.	24.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	165.	153.333	170.	110.	533.333	23.094	113.	127.5	170.	170.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	5.7	5.608	6.2	4.7	0.148	0.385	4.82	5.525	5.8	6.11
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	170.	154.167	190.	100.	935.606	30.588	100.	127.5	170.	187.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	280.	270.	310.	220.	1072.727	32.753	220.	235.	297.5	310.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	12	16.	16.333	17.	16.	0.242	0.492	16.	16.	17.	17.

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Annual Analysis for 1991 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	12	17.25	17.375	23.	11.	19.96	4.468	11.	13.25	21.75	23.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	12	1975.	3785.	13200.	1370.	13697172.727	3700.969	1400.	1667.5	4830.	11940.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	12	1120.	1092.25	1210.	924.	7931.295	89.058	934.2	1011.25	1155.	1195.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	12	7.9	7.9	8.1	7.7	0.013	0.113	7.73	7.8	8.	8.07
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	12	7.9	7.887	8.1	7.7	0.013	0.114	7.73	7.8	8.	8.07
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	12	0.013	0.013	0.02	0.008	0.	0.003	0.009	0.01	0.016	0.019
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	12	8.1	8.05	8.2	7.9	0.015	0.124	7.9	7.9	8.175	8.2
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	12	8.1	8.034	8.2	7.9	0.016	0.125	7.9	7.9	8.175	8.2
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	12	0.008	0.009	0.013	0.006	0.	0.003	0.006	0.007	0.013	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	12	135.	132.333	144.	116.	70.242	8.381	117.5	125.25	138.	142.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	12	80.	78.333	85.	68.	40.242	6.344	68.3	71.25	84.	84.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	12	17.	16.75	19.	14.	2.205	1.485	14.3	16.	17.75	19.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	12	130.	123.333	140.	100.	133.333	11.547	103.	112.5	130.	137.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	12	5.5	5.425	5.7	4.9	0.049	0.222	4.99	5.3	5.6	5.67
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	12	120.	118.75	140.	94.	259.841	16.12	94.3	102.	130.	140.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	12	245.	240.	270.	200.	490.909	22.156	203.	217.5	257.5	267.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	12	16.	16.333	18.	15.	0.606	0.778	15.3	16.	17.	17.7

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Annual Analysis for 1992 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	10	19.	18.	23.	11.	17.778	4.216	11.05	14.125	21.625	22.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	10	3457.5	3355.6	8510.	251.	9644180.711	3105.508	260.9	378.5	5175.75	8478.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	11	1010.	1013.455	1060.	991.	527.473	22.967	991.4	994.	1040.	1056.
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	11	7.8	7.773	7.9	7.6	0.01	0.101	7.6	7.7	7.8	7.9
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	11	7.8	7.762	7.9	7.6	0.01	0.102	7.6	7.7	7.8	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	11	0.016	0.017	0.025	0.013	0.	0.004	0.013	0.016	0.02	0.025
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	10	8.1	8.08	8.3	7.9	0.015	0.123	7.9	7.975	8.125	8.29
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	10	8.1	8.064	8.3	7.9	0.015	0.124	7.9	7.975	8.125	8.29
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	10	0.008	0.009	0.013	0.005	0.	0.002	0.005	0.008	0.011	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 box-and-whisker plot

Annual Analysis for 1992 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	11	135.	132.364	139.	118.	51.455	7.173	118.4	130.	138.	138.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	10	73.	73.4	80.	65.	20.267	4.502	65.4	70.5	77.25	79.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	10	16.	15.8	17.	14.	0.844	0.919	14.1	15.	16.25	17.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	10	110.	114.	120.	110.	26.667	5.164	110.	110.	120.	120.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	10	4.95	5.17	7.4	4.6	0.66	0.812	4.61	4.7	5.15	7.19
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	10	110.	114.	120.	110.	26.667	5.164	110.	110.	120.	120.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	10	210.	209.	220.	200.	54.444	7.379	200.	200.	212.5	220.
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	10	17.	17.5	19.	16.	0.944	0.972	16.1	17.	18.25	19.

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

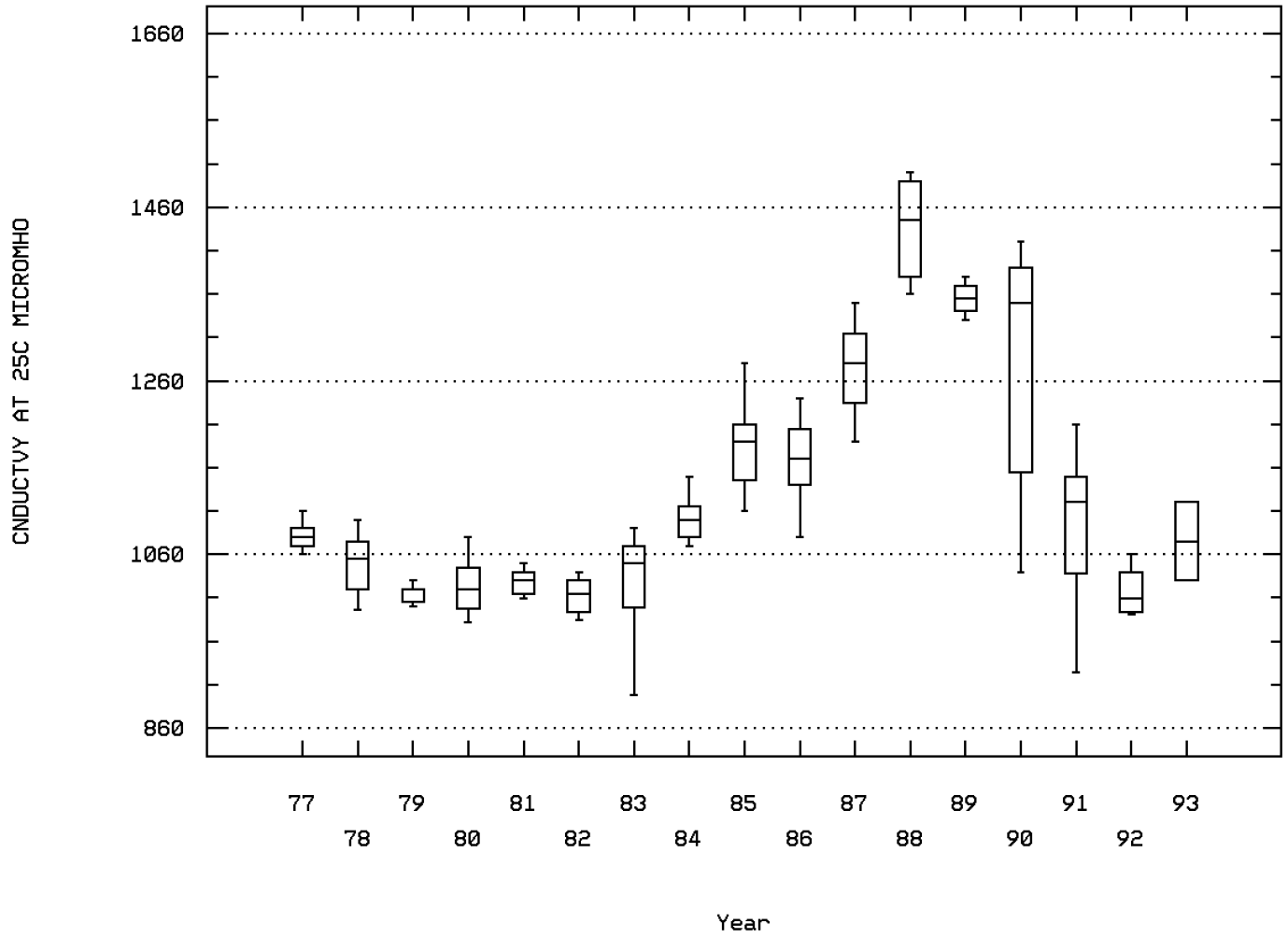
Annual Analysis for 1993 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	2	624.	624.	1130.	118.	512072.	715.592	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	2	1075.	1075.	1120.	1030.	4050.	63.64	**	**	**	**
00400p	PH (STANDARD UNITS)	03/01/71-02/17/93	2	7.75	7.75	7.8	7.7	0.005	0.071	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	2	7.747	7.747	7.8	7.7	0.005	0.071	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	2	0.018	0.018	0.02	0.016	0.	0.003	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	2	124.5	124.5	126.	123.	4.5	2.121	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	1	18.	18.	18.	18.	0.	0.	**	**	**	**

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

Station: AMIS0034 Parameter Code: 00095

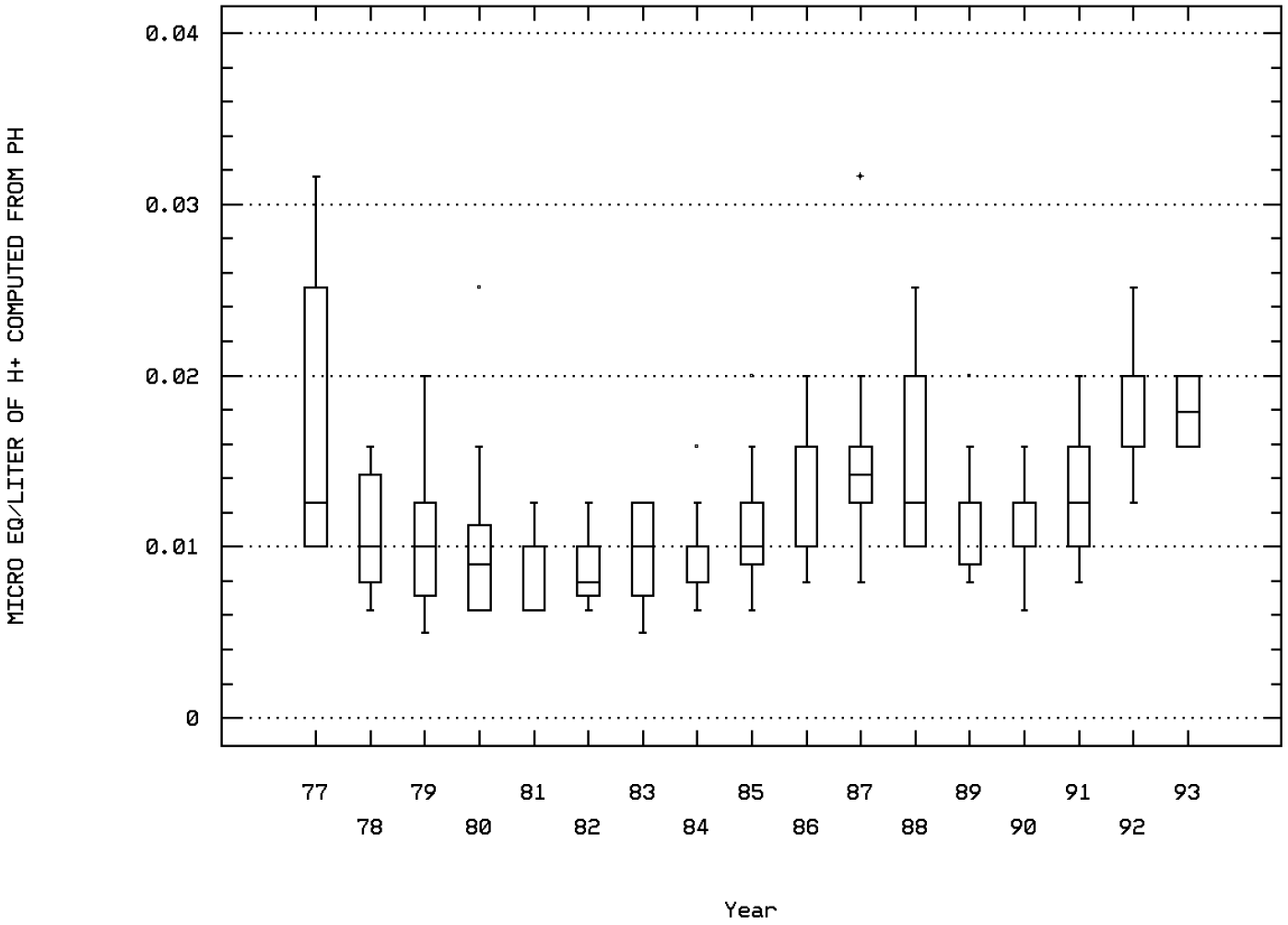
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



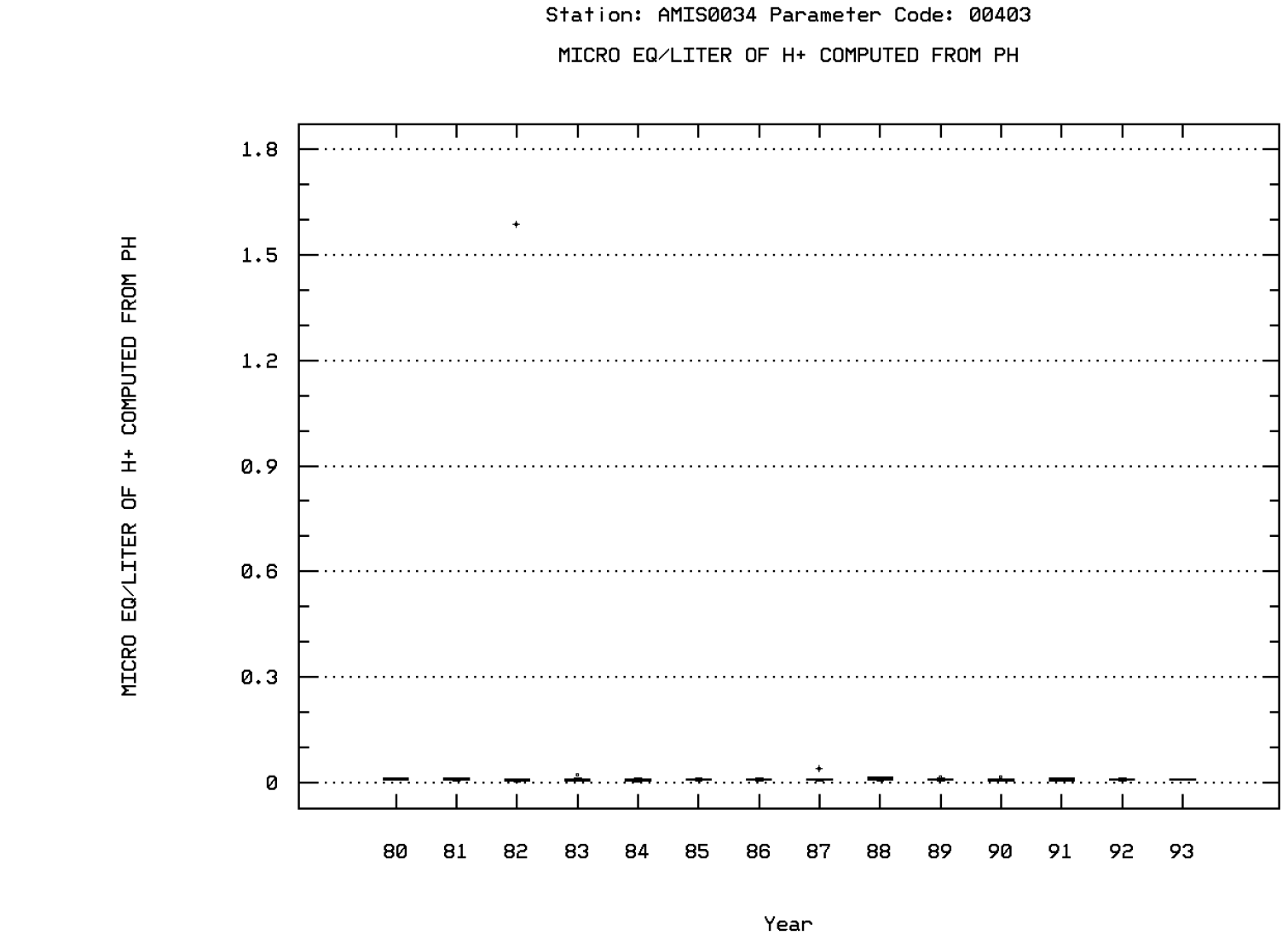
RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH



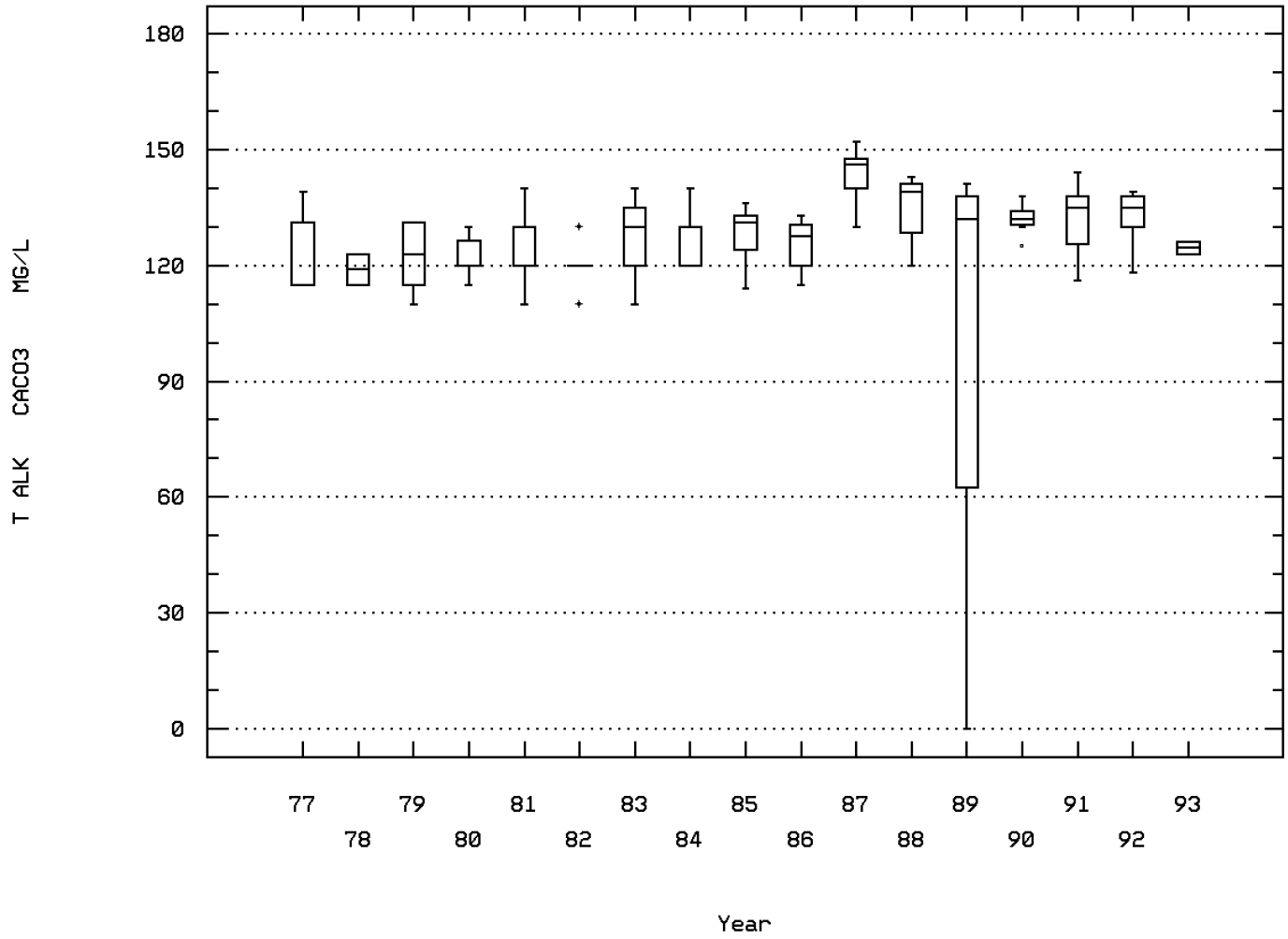
RIO GRANDE BELOW AMISTAD DAM NR DEL RIO



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00410

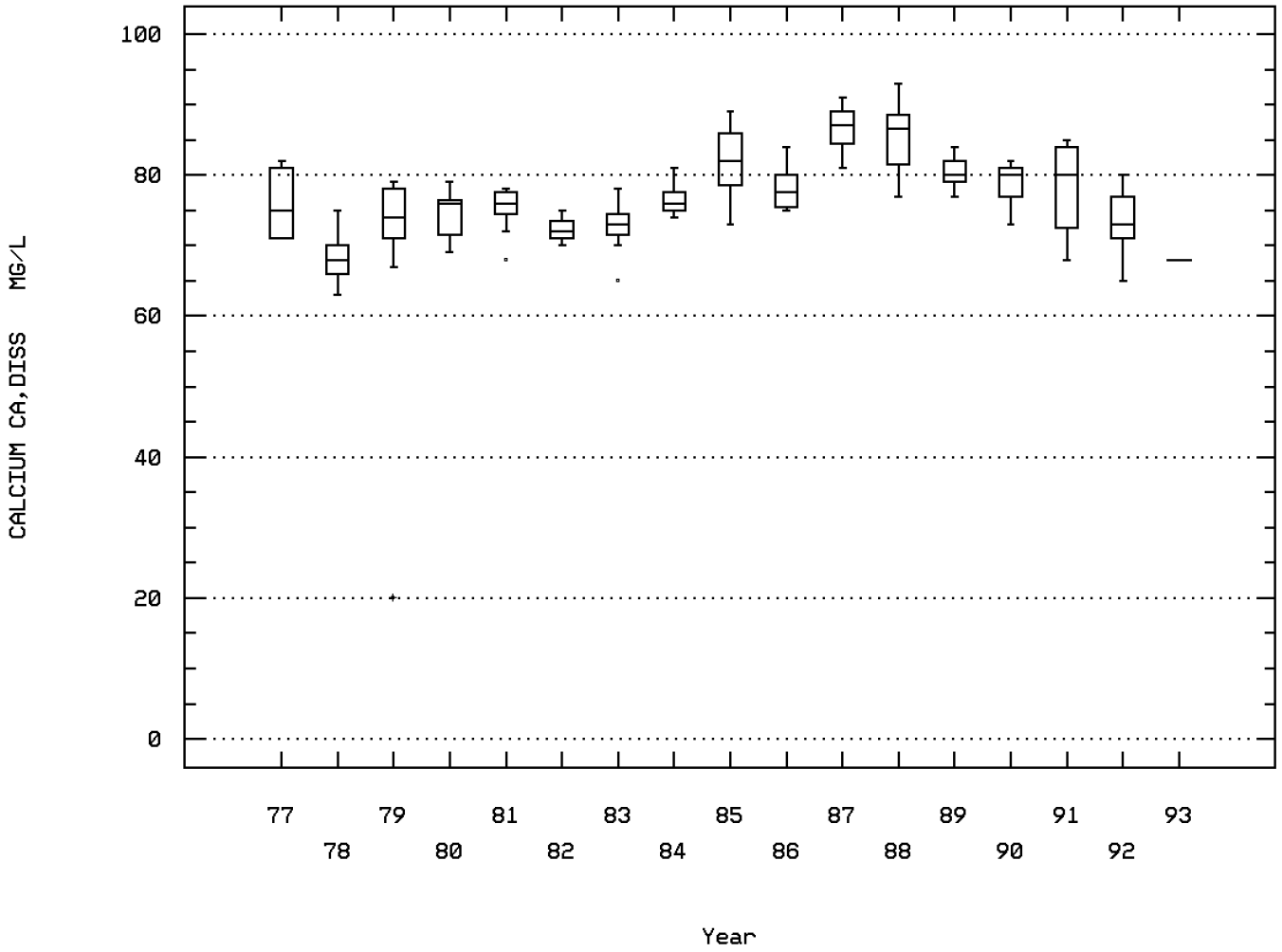
ALKALINITY, TOTAL (MG/L AS CACO3)



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00915

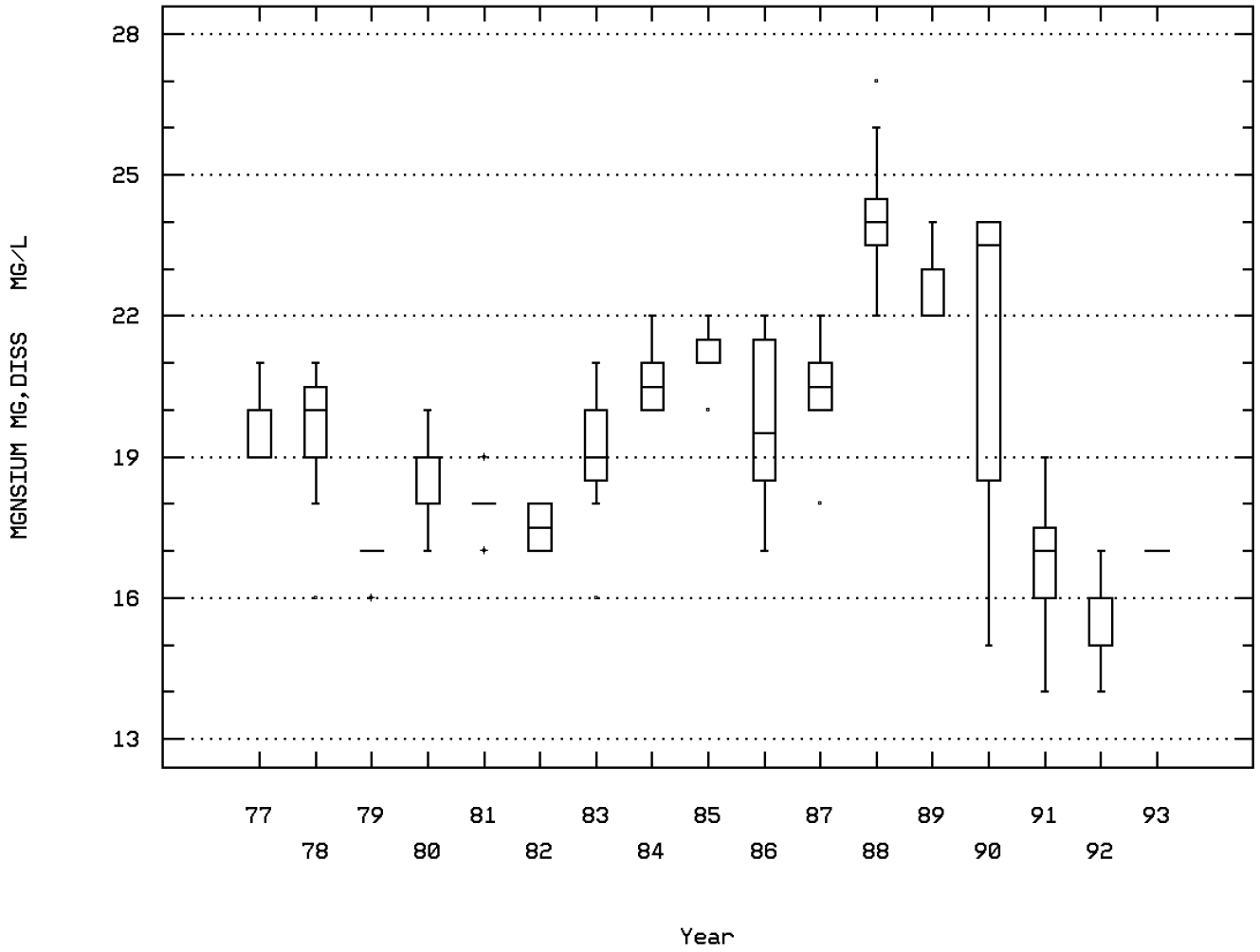
CALCIUM, DISSOLVED (MG/L AS CA)



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00925

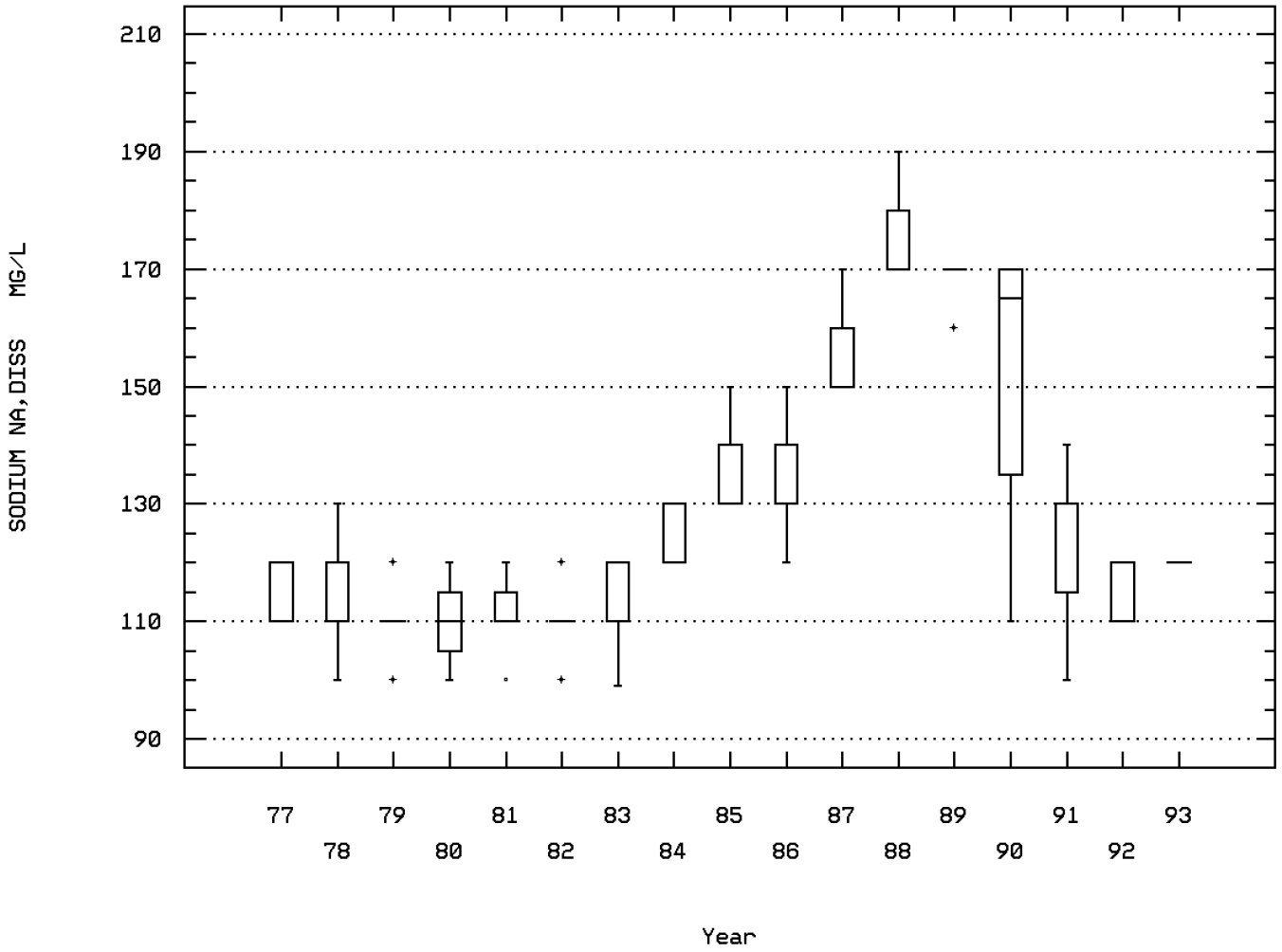
MAGNESIUM, DISSOLVED (MG/L AS MG)



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00930

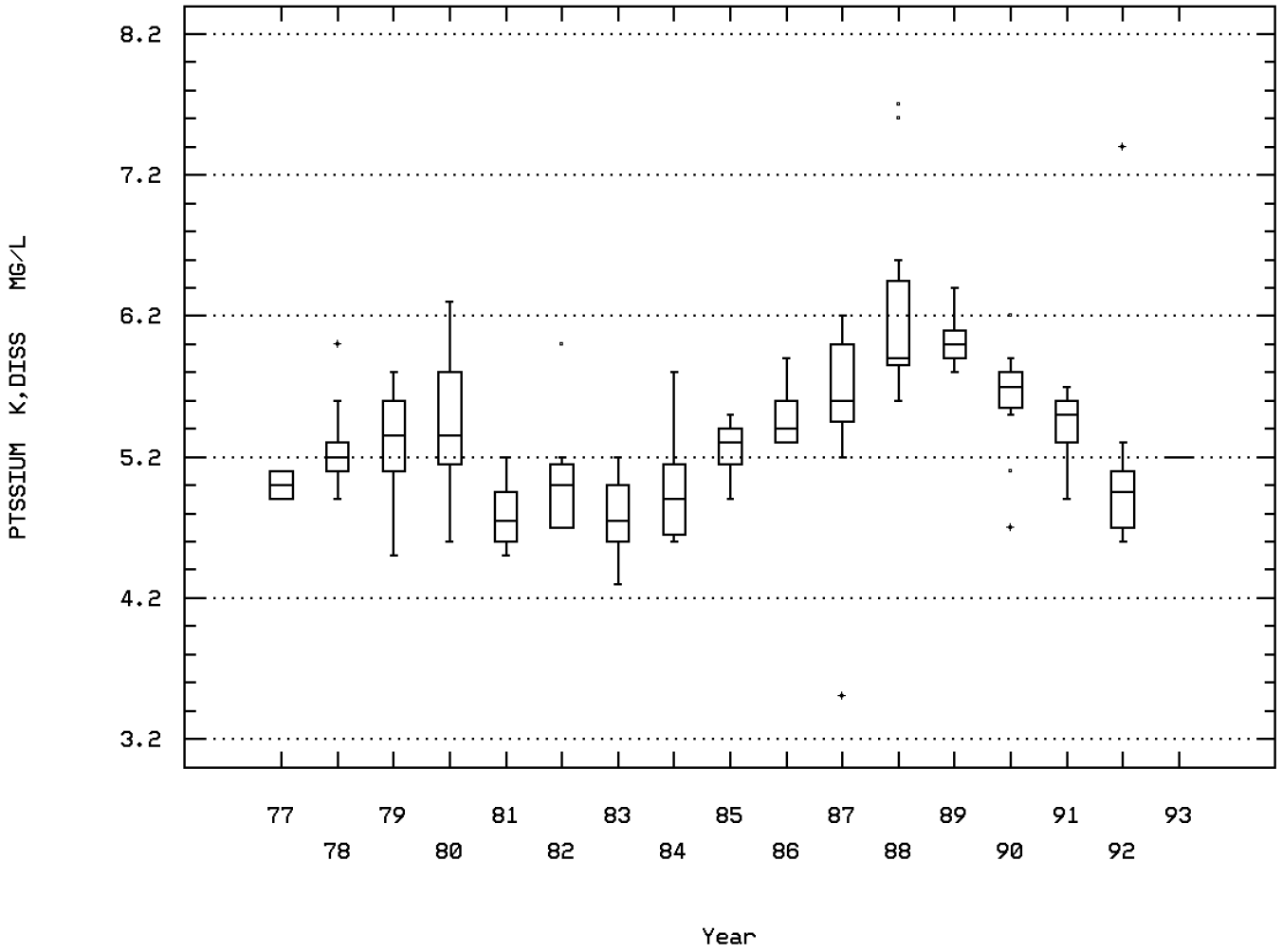
SODIUM, DISSOLVED (MG/L AS NA)



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00935

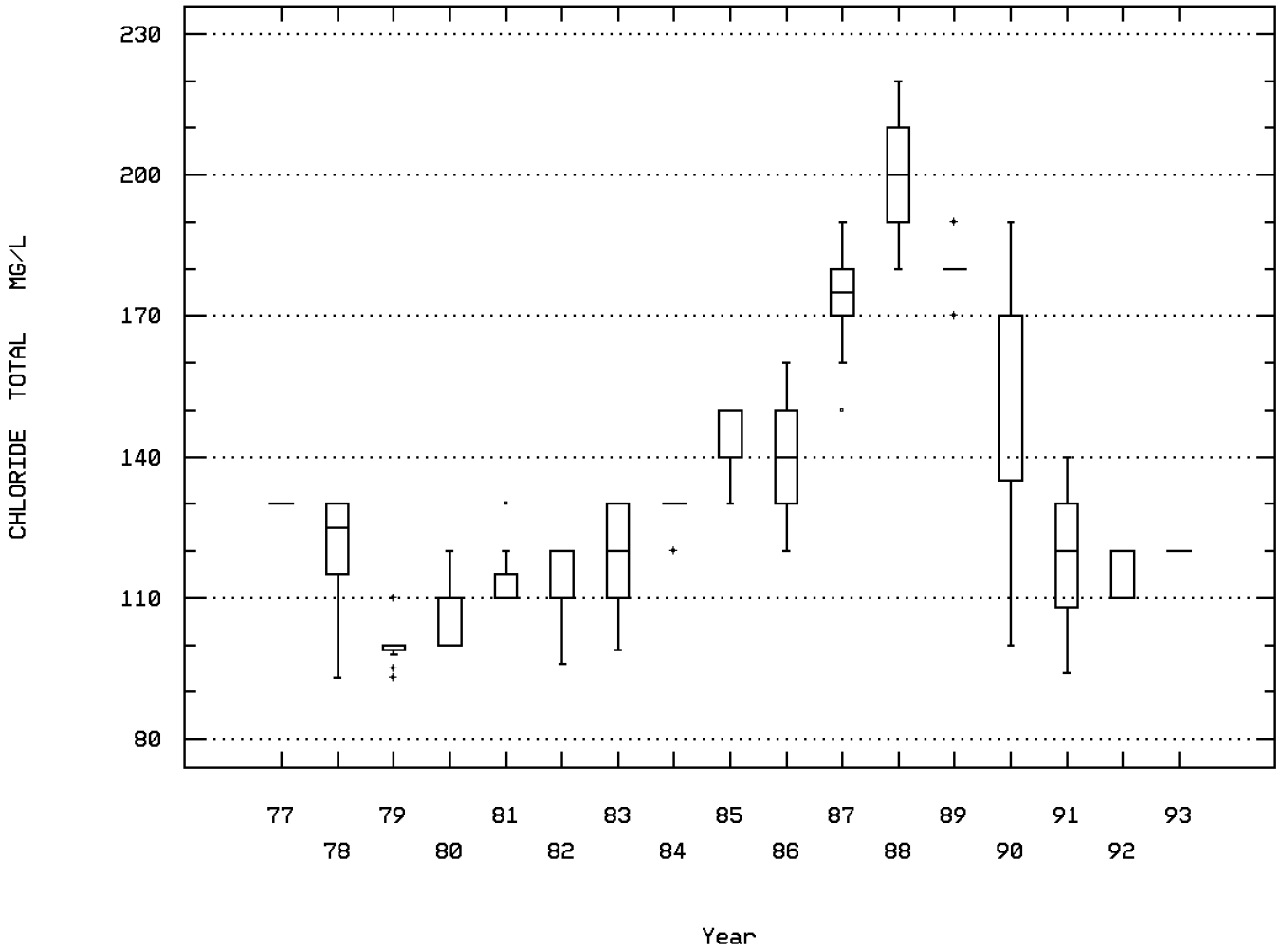
POTASSIUM, DISSOLVED (MG/L AS K)



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00940

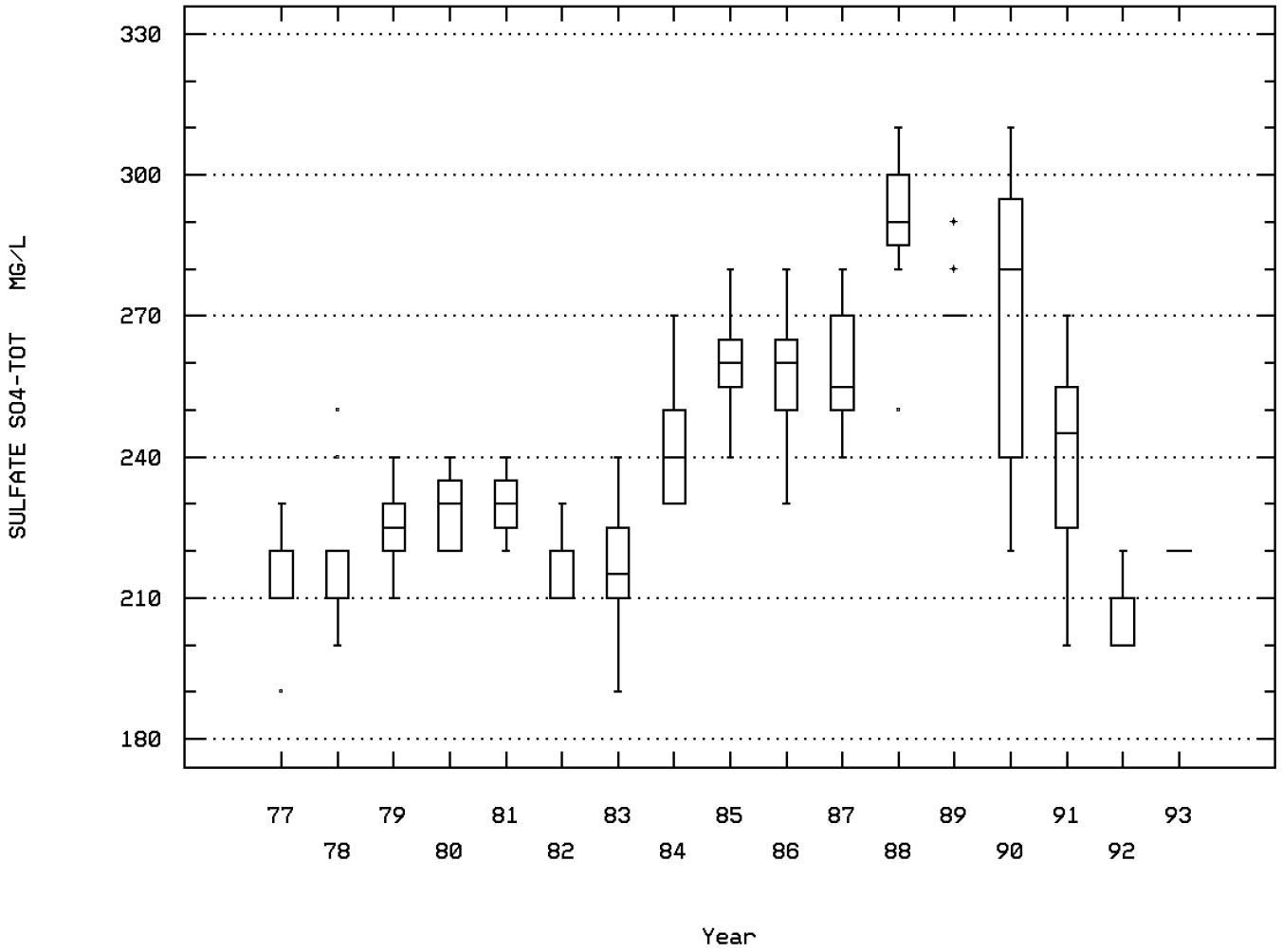
CHLORIDE,TOTAL IN WATER



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00945

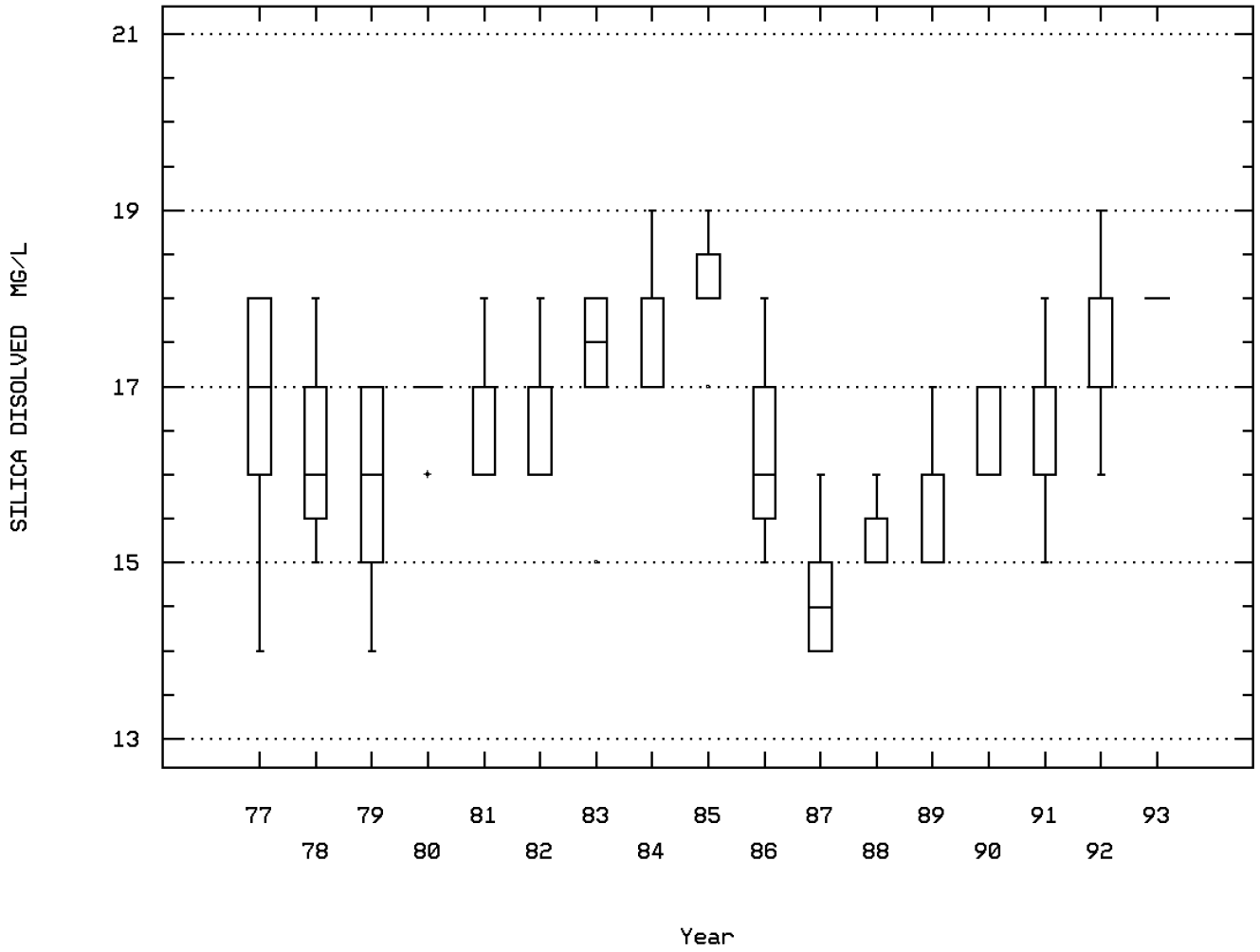
SULFATE, TOTAL (MG/L AS SO4)



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Station: AMIS0034 Parameter Code: 00955

SILICA, DISSOLVED (MG/L AS SI02)



RIO GRANDE BELOW AMISTAD DAM NR DEL RIO

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	77	22.	21.922	27.	16.5	8.375	2.894	18.	19.5	24.5	26.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	77	1650.	2403.468	13200.	48.	6057780.094	2461.256	215.2	885.5	3195.	5132.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	80	1090.	1140.638	1500.	898.	19536.487	139.773	1001.	1032.5	1210.	1360.
00400	PH (STANDARD UNITS)	03/01/71-02/17/93	80	7.9	7.888	8.2	7.5	0.029	0.17	7.61	7.8	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	80	7.9	7.854	8.2	7.5	0.03	0.173	7.61	7.8	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	80	0.013	0.014	0.032	0.006	0.	0.006	0.008	0.01	0.016	0.025
00403	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	62	8.1	8.032	8.3	7.4	0.024	0.154	7.9	7.9	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	62	8.1	8.001	8.3	7.4	0.025	0.158	7.9	7.9	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	62	0.008	0.01	0.04	0.005	0.	0.005	0.006	0.008	0.013	0.013
00405	CARBON DIOXIDE (MG/L AS CO2)	03/01/71-09/17/80	19	2.8	3.384	8.1	1.4	3.761	1.939	1.4	2.2	3.8	6.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	80	130.	127.025	152.	0.	335.62	18.32	110.5	120.	138.	141.
00440	BICARBONATE ION (MG/L AS HCO3)	03/01/71-09/17/80	19	140.	147.368	170.	140.	87.135	9.335	140.	140.	150.	160.
00445	CARBONATE ION (MG/L AS CO3)	03/01/71-09/17/80	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-03/16/83	29	250.	258.276	290.	240.	129.064	11.361	250.	250.	270.	270.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-03/16/83	29	140.	137.586	160.	120.	90.394	9.508	130.	130.	140.	150.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	81	77.	76.716	91.	20.	82.281	9.071	68.2	72.	82.	86.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	80	20.	19.763	27.	15.	6.361	2.522	16.1	18.	21.	23.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	81	120.	132.086	180.	99.	497.605	22.307	110.	110.	145.	170.
00931	SODIUM ADSORPTION RATIO	03/01/71-03/16/83	29	3.2	3.197	3.6	2.9	0.037	0.194	2.9	3.05	3.3	3.5
00932	SODIUM, PERCENT	03/01/71-03/16/83	27	49.	50.333	81.	47.	41.462	6.439	47.	48.	50.	53.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	78	5.3	5.271	6.4	3.5	0.228	0.478	4.7	4.9	5.6	5.9
00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	81	130.	136.815	210.	95.	824.353	28.712	102.	120.	150.	180.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	81	240.	239.63	300.	190.	656.111	25.615	210.	220.	260.	270.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/74-01/20/93	12	0.9	0.867	1.	0.7	0.006	0.078	0.73	0.8	0.9	0.97
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	80	17.	16.513	19.	1.	4.354	2.087	15.	16.	17.	18.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-03/16/83	29	641.	641.034	683.	609.	394.963	19.874	617.	623.5	659.5	665.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/75-01/19/83	29	2610.	3839.145	14800.	82.6	15595556.78	3949.121	95.8	1145.	4840.	9770.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/16/83	29	0.87	0.874	0.93	0.83	0.001	0.027	0.84	0.85	0.9	0.91

** - 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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/77-02/17/93	103	14.5	14.938	26.5	0.	17.707	4.208	10.5	12.	18.	20.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-02/17/93	107	1750.	2288.467	11400.	20.	4400615.176	2097.764	141.	971.	2550.	4976.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-02/17/93	108	1070.	1131.565	1490.	924.	21384.622	146.235	993.7	1012.5	1220.	1380.
00400	PH (STANDARD UNITS)	03/01/71-02/17/93	107	8.	7.998	8.3	7.7	0.018	0.132	7.8	7.9	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	03/01/71-02/17/93	107	8.	7.978	8.3	7.7	0.018	0.134	7.8	7.9	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-02/17/93	107	0.01	0.011	0.02	0.005	0.	0.003	0.006	0.008	0.013	0.016
00403	PH, LAB, STANDARD UNITS SU	10/15/80-01/20/93	84	8.1	8.067	8.7	5.8	0.084	0.289	7.9	8.	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/15/80-01/20/93	84	8.1	7.565	8.7	5.8	0.339	0.582	7.9	8.	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-01/20/93	84	0.008	0.027	1.585	0.002	0.03	0.172	0.005	0.006	0.01	0.013
00405	CARBON DIOXIDE (MG/L AS CO2)	03/01/71-09/17/80	21	2.4	2.49	4.8	1.3	0.689	0.83	1.6	1.95	2.8	3.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-02/17/93	108	130.	125.454	148.	0.	356.68	18.886	119.9	120.	131.	138.
00440	BICARBONATE ION (MG/L AS HCO3)	03/01/71-09/17/80	21	150.	152.381	160.	140.	49.048	7.003	140.	150.	160.	160.
00445	CARBONATE ION (MG/L AS CO3)	03/01/71-09/17/80	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-03/16/83	40	260.	257.	280.	240.	98.462	9.923	240.	250.	260.	270.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-03/16/83	40	130.	132.25	150.	110.	94.808	9.737	120.	130.	140.	149.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-01/20/93	106	76.5	76.821	93.	63.	31.139	5.58	70.	73.	80.	85.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-01/20/93	106	19.	19.434	25.	14.	6.877	2.622	16.	17.	21.	24.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-01/20/93	106	120.	129.623	190.	100.	592.237	24.336	107.	110.	150.	170.
00931	SODIUM ADSORPTION RATIO	03/01/71-03/16/83	40	2.95	3.015	3.5	2.6	0.044	0.209	2.71	2.9	3.2	3.2
00932	SODIUM, PERCENT	03/01/71-03/16/83	40	47.	47.55	55.	43.	4.715	2.171	45.	46.25	48.75	50.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-01/20/93	106	5.3	5.408	7.7	4.3	0.373	0.611	4.7	5.	5.8	6.1
00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-01/20/93	106	130.	134.123	220.	93.	983.518	31.361	100.	110.	152.5	180.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-01/20/93	106	230.	243.491	310.	200.	861.033	29.343	210.	220.	270.	290.

** - Less than 9 observations ## - Computed 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 6/09 - Station AMIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/74-01/20/93	15	0.9	0.907	1.1	0.8	0.006	0.08	0.8	0.9	0.9	1.04
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/20/93	106	16.	16.406	19.	14.	1.539	1.24	15.	15.	17.	18.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-03/16/83	40	630.	629.575	659.	602.	255.84	15.995	604.	618.25	644.5	650.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/75-01/19/83	38	2985.	3534.116	11400.	34.1	8334944.694	2887.03	92.79	1672.5	4100.	8574.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/16/83	39	0.86	0.857	0.9	0.82	0.001	0.023	0.82	0.84	0.88	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

Station Inventory for Station: AMIS0035

NPS Station ID: AMIS0035
LAT/LON: 29.411948/-101.036115
Agency: 112WRD
Date Created: 02/28/78
Location: US NO. 3 SPRING
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 292443101021001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13080001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/70-10/28/92	27	25.	24.519	27.	20.	1.567	1.252	22.8	24.	25.	25.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/70-10/28/92	27	620.	607.593	674.	455.	3012.789	54.889	505.6	605.	649.	659.4
00400	PH (STANDARD UNITS)	04/06/71-10/28/92	26	7.5	7.558	8.1	7.	0.053	0.23	7.34	7.475	7.625	7.93
00400	CONVERTED PH (STANDARD UNITS)	04/06/71-10/28/92	26	7.5	7.501	8.1	7.	0.056	0.237	7.34	7.475	7.625	7.93
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/71-10/28/92	26	0.032	0.032	0.1	0.008	0.	0.018	0.012	0.024	0.034	0.047
00403	PH, LAB, STANDARD UNITS SU	11/05/80-10/28/92	11	7.6	7.764	8.4	7.5	0.091	0.301	7.52	7.6	7.8	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	11/05/80-10/28/92	11	7.6	7.695	8.4	7.5	0.096	0.309	7.52	7.6	7.8	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/05/80-10/28/92	11	0.025	0.02	0.032	0.004	0.	0.009	0.004	0.016	0.025	0.03
00405	CARBON DIOXIDE (MG/L AS CO2)	04/06/71-05/07/80	15	10.	11.087	25.	3.	33.19	5.761	3.78	6.3	15.	20.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/06/71-10/28/92	26	206.5	201.962	239.	138.	418.358	20.454	164.	201.5	210.	215.1
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/71-05/07/80	15	252.	245.2	292.	168.	1002.743	31.666	175.2	240.	260.	277.6
00445	CARBONATE ION (MG/L AS CO3)	04/06/71-05/07/80	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/30/90-10/28/92	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/30/90-10/28/92	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/06/71-11/05/75	4	2.1	2.125	2.3	2.	0.016	0.126	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/04/77-10/28/92	12	1.3	1.367	1.8	1.1	0.048	0.219	1.13	1.2	1.55	1.77
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/30/90-10/28/92	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/06/71-11/09/82	19	260.	263.158	520.	190.	4522.807	67.252	200.	240.	270.	280.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/06/71-11/09/82	19	48.	62.158	310.	28.	3755.807	61.285	34.	38.	62.	73.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/06/71-10/28/92	26	84.5	86.	170.	59.	363.04	19.054	64.8	82.	88.	93.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/06/71-10/28/92	26	11.	11.073	24.	8.9	7.584	2.754	9.71	10.	11.	11.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/06/71-10/28/92	20	27.5	28.2	40.	13.	39.221	6.263	22.	24.25	33.5	36.8
00931	SODIUM ADSORPTION RATIO	04/06/71-11/09/82	13	0.7	0.7	0.9	0.4	0.017	0.129	0.48	0.6	0.8	0.86
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/28/92-10/28/92	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/70-10/28/92	27	41.	44.296	120.	22.	282.293	16.802	33.	38.	48.	52.2
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/70-10/28/92	22	47.5	54.727	250.	10.	1991.732	44.629	38.	43.5	52.	57.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/30/90-10/28/92	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/06/71-10/28/92	13	15.	15.	16.	14.	0.167	0.408	14.4	15.	15.	15.6
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	10/24/89-10/28/92	3	206.	205.333	207.	203.	4.333	2.082	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/06/71-11/09/82	5	351.	329.4	352.	288.	938.3	30.632	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/04/77-11/03/78	2	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	26	0	0.00	4	0	0.00	22	0	0.00						
		Other-Lo Lim.	6.5	26	0	0.00	4	0	0.00	22	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	11	0	0.00	4	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	11	0	0.00	4	0	0.00	7	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00				4	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	12	0	0.00	4	0	0.00	8	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	27	0	0.00	5	0	0.00	22	0	0.00						
		Drinking Water	250.	27	0	0.00	5	0	0.00	22	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	22	1	0.05	5	0	0.00	17	1	0.06						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00405	CARBON DIOXIDE (MG/L AS CO2)	04/06/71-05/07/80	15	10.	11.087	25.	3.	33.19	5.761	3.78	6.3	15.	20.2
00440	BICARBONATE ION (MG/L AS HCO3)	04/06/71-05/07/80	15	252.	245.2	292.	168.	1002.743	31.666	175.2	240.	260.	277.6
00445	CARBONATE ION (MG/L AS CO3)	04/06/71-05/07/80	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/06/71-11/09/82	19	260.	263.158	520.	190.	4522.807	67.252	200.	240.	270.	280.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/06/71-11/09/82	19	48.	62.158	310.	28.	3755.807	61.285	34.	38.	62.	73.
00931	SODIUM ADSORPTION RATIO	04/06/71-11/09/82	13	0.7	0.7	0.9	0.4	0.017	0.129	0.48	0.6	0.8	0.86

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

Station Inventory for Station: AMIS0036

NPS Station ID: AMIS0036
LAT/LON: 29.437505/-101.041115
Agency: 21TEXWR
Date Created: 11/16/78
Location: RIO GRANDE BLW AMISTAD DAM
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): IMS21-17
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13080001
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13080001016
RF1 Mile Point: 12.320
Distance from RF1: 2.80
On/Off RF1: ON
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM RIO GRANDE IMMEDIATELY BELOW AMISTAD DAM

Parameter Inventory for Station: AMIS0036

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: AMIS0037

NPS Station ID: AMIS0037 LAT/LON: 29.500005/-101.044449 Agency: 21TEXWR Date Created: 01/29/79
Location: SMALL BAY IN AMISTAD RESERVOIR, FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 23059911
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302 Depth of Water: 999 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040302003 RF1 Mile Point: 14.160 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13040302000100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.29 On/Off RF3:
Description:
DATA FROM TEXAS DEPARTMENT OF WATER RESOURCES SAMPLES ANALYZED FOR TOXICS
SAMPLE TAKEN FROM SMALL BAY IN AMISTAD RESERVOIR, 1.7 MILES NORTH OF HIG HWAY 90 BRIDGE

Parameter Inventory for Station: AMIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	10/19/76-10/19/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/19/76-10/19/76	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/19/76-10/19/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/19/76-10/19/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/19/76-10/19/76	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/19/76-10/19/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/19/76-10/19/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/19/76-10/19/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/19/76-10/19/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/19/76-10/19/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/19/76-10/19/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/19/76-10/19/76	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/19/76-10/19/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/19/76-10/19/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/19/76-10/19/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/19/76-10/19/76	1	2.53	2.53	2.53	2.53	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/19/76-10/19/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/19/76-10/19/76	1	73.	73.	73.	73.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/19/76-10/19/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/19/76-10/19/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/19/76-10/19/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/19/76-10/19/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/19/76-10/19/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/19/76-10/19/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/19/76-10/19/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/19/76-10/19/76	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: AMIS0037

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)	10/19/76-10/19/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	10/19/76-10/19/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/19/76-10/19/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/19/76-10/19/76	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/19/76-10/19/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
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									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
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: AMIS0038

NPS Station ID: AMIS0038
LAT/LON: 29.447781/-101.046116
Agency: 112WRD
Date Created: 01/21/84
Location: WEIR #1 STA 131+00 BLW AMISTAD DAM
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 292652101024600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13080001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/83-10/28/87	7	17.	18.643	28.	15.	19.726	4.441	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/20/83-01/23/84	2	18.02	18.02	36.	0.04	646.561	25.428	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/83-10/28/87	8	1205.	1196.25	1290.	1090.	3598.214	59.985	**	**	**	**
00400	PH (STANDARD UNITS)	04/20/83-10/28/87	8	8.05	8.05	8.2	7.9	0.026	0.16	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/20/83-10/28/87	8	8.025	8.025	8.2	7.9	0.026	0.163	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/83-10/28/87	8	0.009	0.009	0.013	0.006	0.	0.003	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/20/83-10/28/87	8	8.1	8.125	8.3	8.	0.016	0.128	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/83-10/28/87	8	8.1	8.109	8.3	8.	0.017	0.129	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/83-10/28/87	8	0.008	0.008	0.01	0.005	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/83-10/28/87	8	200.	194.5	226.	120.	1105.714	33.252	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/29/86-10/28/87	4	110.	110.	120.	100.	66.667	8.165	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/83-10/28/87	8	16.	16.25	21.	14.	4.5	2.121	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/83-10/28/87	8	120.	118.75	130.	110.	69.643	8.345	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/29/86-10/28/87	2	2.25	2.25	2.4	2.1	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/29/86-10/28/87	2	140.	140.	140.	140.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/83-10/28/87	8	215.	220.	260.	190.	514.286	22.678	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/29/86-10/28/87	2	37.5	37.5	40.	35.	12.5	3.536	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/83-07/23/87	6	777.5	768.833	836.	675.	2793.367	52.852	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	8	0	0.00	3	0	0.00	5	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	8	0	0.00	3	0	0.00	5	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	1	0.13	3	0	0.00	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

Station Inventory for Station: AMIS0039

NPS Station ID: AMIS0039
LAT/LON: 29.458338/-101.049448
Agency: 21TEXWR
Date Created: 11/16/78
Location: AMISTAD RES AT BUOY 1
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): IMS21-1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13040302002
RF1 Mile Point: 1.280
Distance from RF1: 2.40
On/Off RF1: ON
RF3 Index: 13040212001611.91
RF3 Mile Point: 12.86
Distance from RF3: 0.10
On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD
SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR AT BUOY 1

Parameter Inventory for Station: AMIS0039

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)	02/20/74-02/20/74	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	1	630.	630.	630.	630.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	1	83.	83.	83.	83.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

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

Station Inventory for Station: AMIS0040

NPS Station ID: AMIS0040 LAT/LON: 29.441670/-101.050004 Agency: 21TEXWR Date Created: 10/06/79
Location: RIO GRANDE BELOW AMISTAD DAM NW OF DEL RIO FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 23040380 /2305 2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13080001 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13080001016 RF1 Mile Point: 12.860 Distance from RF1: 2.80 On/Off RF1: ON
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-08/08/73	20	18.05	17.445	26.1	4.4	31.385	5.602	8.24	13.875	20.	25.48
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/72-08/08/73	20	64.5	63.4	79.	40.	101.516	10.076	46.8	57.	68.	77.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/72-08/08/73	20	12.5	17.	40.	5.	140.526	11.854	5.	5.	30.	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/10/72-08/08/73	16	742.5	726.25	875.	600.	8288.333	91.04	600.	650.	793.75	857.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-07/11/73	8	898.	900.25	984.	825.	2593.357	50.925	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/13/72-08/08/73	20	9.5	9.675	12.5	6.5	2.639	1.624	7.55	8.5	10.5	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/13/72-07/11/73	8	0.75	0.813	1.5	0.5	0.138	0.372	**	**	**	**
00400	PH (STANDARD UNITS)	02/10/72-08/08/73	17	8.3	8.271	8.6	7.6	0.117	0.342	7.6	8.05	8.55	8.6
00400	CONVERTED PH (STANDARD UNITS)	02/10/72-08/08/73	17	8.3	8.121	8.6	7.6	0.141	0.375	7.6	8.05	8.55	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-08/08/73	17	0.005	0.008	0.025	0.003	0.	0.008	0.003	0.003	0.009	0.025
00403	PH, LAB, STANDARD UNITS SU	01/13/72-07/11/73	8	8.1	8.063	8.3	7.8	0.043	0.207	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/13/72-07/11/73	8	8.1	8.019	8.3	7.8	0.045	0.212	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/72-07/11/73	8	0.008	0.01	0.016	0.005	0.	0.005	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/12/72-07/11/73	7	10.	18.143	67.	10.	464.143	21.544	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/06/72-07/11/73	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/72-07/11/73	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/12/72-07/11/73	7	0.4	0.324	0.43	0.13	0.013	0.116	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/12/72-07/11/73	7	0.06	0.073	0.14	0.03	0.002	0.039	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/12/72-07/11/73	7	0.02	0.024	0.046	0.01	0.	0.013	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-07/11/73	8	74.	72.625	81.	63.	30.268	5.502	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-07/11/73	8	160.5	160.75	186.	141.	198.214	14.079	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/72-06/07/73	6	370.	395.	700.	100.	86030.	293.309	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/14/72-06/07/73	6	2.473	2.463	2.845	2.	0.156	0.395	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			290.293								
32230	CHLOROPHYLL A (MG/L)	04/12/72-07/11/73	6	0.004	0.008	0.02	0.004	0.	0.007	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	02/10/72-08/08/73	16	371.5	363.313	438.	300.	2086.896	45.683	300.	325.	397.	428.9

** - 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: AMIS0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	20	0	0.00	7	0	0.00	13	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	0	0.00	7	0	0.00	13	0	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: AMIS0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	17	0	0.00	5	0	0.00	12	0	0.00						
		Other-Lo Lim.	6.5	17	0	0.00	5	0	0.00	12	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	8	0	0.00	4	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00	4	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	4	0	0.00	3	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	4	0	0.00	4	0	0.00						
		Drinking Water	250.	8	0	0.00	4	0	0.00	4	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	4	0	0.00	4	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	2	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: AMIS0041

NPS Station ID: AMIS0041 LAT/LON: 29.461115/-101.050004 Agency: 21TEXWR Date Created: 01/29/79
Location: AMISTAD RES. ABOVE DAM FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 23059910
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302 Depth of Water: 999 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040302002 RF1 Mile Point: 2.010 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13040212001603.23 RF3 Mile Point: 3.23 Distance from RF3: 0.50 On/Off RF3:
Description:
DATA FROM TEXAS DEPARTMENT OF WATER RESOURCES SAMPLES ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR ABOVE DAM

Parameter Inventory for Station: AMIS0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	04/01/73-04/01/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/01/73-04/01/73	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/01/73-04/01/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/01/73-04/01/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/01/73-04/01/73	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/01/73-04/01/73	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/01/73-04/01/73	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/01/73-04/01/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/01/73-04/01/73	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/01/73-04/01/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/01/73-04/01/73	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/01/73-04/01/73	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
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	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	0 &	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						

& - 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: AMIS0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: AMIS0042

NPS Station ID: AMIS0042 LAT/LON: 29.450004/-101.054171 Agency: 21TEXWR Date Created: 10/06/79
Location: AMISTAD RESERVOIR ABOVE DAM NW OF DEL RIO FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 23050100
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040302 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040302002 RF1 Mile Point: 0.400 Distance from RF1: 2.80 On/Off RF1: ON
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-08/29/75	37	22.2	21.111	34.4	6.7	41.876	6.471	11.7	16.7	26.1	28.9
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/72-08/29/75	37	72.	70.	94.	44.	135.944	11.66	53.	62.	79.	84.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/72-08/29/75	37	5.	15.946	70.	5.	246.997	15.716	5.	5.	27.5	36.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/10/72-08/29/75	34	740.	736.029	900.	550.	9514.817	97.544	600.	650.	815.	875.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-08/29/75	15	954.	932.267	1127.	680.	12093.924	109.972	761.	865.	1002.	1095.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/21/73-11/21/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/13/72-08/29/75	36	9.5	9.428	13.	5.5	3.446	1.856	7.	8.	10.725	12.72
00310	BOD, 5 DAY, 20 DEG C MG/L	01/13/72-04/16/73	6	1.	0.917	1.	0.5	0.042	0.204	**	**	**	**
00400	PH (STANDARD UNITS)	02/10/72-08/29/75	33	8.3	8.227	8.7	7.4	0.105	0.324	7.7	8.1	8.45	8.6
00400	CONVERTED PH (STANDARD UNITS)	02/10/72-08/29/75	33	8.3	8.087	8.7	7.4	0.126	0.354	7.7	8.1	8.45	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-08/29/75	33	0.005	0.008	0.04	0.002	0.	0.008	0.003	0.004	0.008	0.02
00403	PH, LAB, STANDARD UNITS SU	01/13/72-08/29/75	15	8.2	8.193	8.6	7.7	0.054	0.231	7.88	8.	8.3	8.54
00403	CONVERTED PH, LAB, STANDARD UNITS	01/13/72-08/29/75	15	8.2	8.134	8.6	7.7	0.057	0.239	7.88	8.	8.3	8.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/72-08/29/75	15	0.006	0.007	0.02	0.003	0.	0.004	0.003	0.005	0.01	0.014
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/12/72-08/29/75	14	10.	38.071	305.	10.	6237.764	78.98	10.	10.	19.	190.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/13/72-08/29/75	10	10.	11.1	30.	2.	51.656	7.187	2.5	9.25	10.5	28.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/72-08/29/75	14	0.1	0.107	0.2	0.1	0.001	0.027	0.1	0.1	0.1	0.15
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/12/72-08/29/75	14	0.235	0.291	0.65	0.04	0.028	0.168	0.1	0.16	0.413	0.585
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/12/72-08/29/75	14	0.05	0.126	0.54	0.03	0.025	0.158	0.03	0.04	0.145	0.475
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/21/73-08/29/75	9	0.03	0.03	0.03	0.03	0.	0.	0.03	0.03	0.03	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/12/72-08/29/75	14	0.016	0.041	0.177	0.01	0.003	0.052	0.01	0.013	0.047	0.156
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/21/73-08/29/75	9	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-08/29/75	7	7.	7.429	14.	4.	11.619	3.409	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-08/29/75	15	82.	83.667	124.	50.	341.81	18.488	59.6	72.	94.	116.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-08/29/75	15	168.	169.267	212.	105.	756.21	27.499	125.4	153.	190.	207.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/10/74-07/10/74	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/72-06/07/73	6	170.	613.167	2400.	9.	878268.167	937.16	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/14/72-06/07/73	6	2.227	2.175	3.38	0.954	0.866	0.931	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			149.587								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-08/29/75	5	2.	6.4	25.	1.	108.3	10.407	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-08/29/75	5	0.301	0.46	1.398	0.	0.292	0.54	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.885								
32230	CHLOROPHYLL A (MG/L)	04/12/72-08/29/75	13	0.004	0.006	0.02	0.004	0.	0.005	0.004	0.004	0.005	0.018
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	02/10/72-08/29/75	34	370.	368.029	450.	275.	2376.272	48.747	300.	325.	407.5	437.5

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

EPA Water Quality Criteria Analysis for Station: AMIS0042

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	37	2	0.05	14	0	0.00	23	2	0.09						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	36	0	0.00	14	0	0.00	22	0	0.00						
00400	PH	Other-Hi Lim.	9.	33	0	0.00	11	0	0.00	22	0	0.00						
		Other-Lo Lim.	6.5	33	0	0.00	11	0	0.00	22	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	15	0	0.00	5	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	15	0	0.00	5	0	0.00	10	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	5	0	0.00	9	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	5	0	0.00	10	0	0.00						
		Drinking Water	250.	15	0	0.00	5	0	0.00	10	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	15	0	0.00	5	0	0.00	10	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	1	0.17	2	1	0.50	4	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	2	0	0.00	3	0	0.00						

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

Station Inventory for Station: AMIS0043

NPS Station ID: AMIS0043
LAT/LON: 29.450004/-101.054171
Agency: 21TXWQB
Date Created: 07/23/94
Location: AMISTAD RESERVOIR ABOVE DAM NORTHWEST OF DEL RIO
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): 13210 /2305.0100 /2305.1000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: Rio Grande River Basin
ECO Region: 24M
RF1 Index: 13080001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:
AMISTAD RESERVOIR ABOVE DAM NORTHWEST OF DEL RIO

Parameter Inventory for Station: AMIS0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/72-08/29/75	38	22.2	20.871	34.4	6.7	42.929	6.552	11.7	16.7	26.1	28.9
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	01/13/72-08/29/75	38	72.	69.579	94.	44.	139.007	11.79	53.	62.	79.	84.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/13/72-08/29/75	38	5.	15.658	70.	5.	243.474	15.604	5.	5.	26.25	35.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/10/72-08/29/75	34	750.	741.324	900.	550.	9529.256	97.618	600.	657.5	830.	875.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/13/72-08/29/75	16	960.	935.875	1127.	680.	11495.983	107.219	774.5	865.	999.	1089.9
00300	OXYGEN, DISSOLVED MG/L	01/13/72-08/29/75	38	9.5	9.392	13.	5.5	3.368	1.835	7.	8.	10.575	12.64
00310	BOD, 5 DAY, 20 DEG C MG/L	01/13/72-04/16/73	6	1.	0.917	1.	0.5	0.042	0.204	**	**	**	**
00400	PH (STANDARD UNITS)	02/10/72-08/29/75	34	8.3	8.229	8.7	7.4	0.102	0.32	7.7	8.1	8.425	8.6
00400	CONVERTED PH (STANDARD UNITS)	02/10/72-08/29/75	34	8.3	8.092	8.7	7.4	0.122	0.349	7.7	8.1	8.425	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/72-08/29/75	34	0.005	0.008	0.04	0.002	0.	0.008	0.003	0.004	0.008	0.02
00403	PH, LAB, STANDARD UNITS SU	01/13/72-08/29/75	16	8.2	8.194	8.6	7.7	0.05	0.224	7.91	8.	8.3	8.53
00403	CONVERTED PH, LAB, STANDARD UNITS	01/13/72-08/29/75	16	8.2	8.138	8.6	7.7	0.053	0.231	7.91	8.	8.3	8.53
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/72-08/29/75	16	0.006	0.007	0.02	0.003	0.	0.004	0.003	0.005	0.01	0.013
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/29/75-08/29/75	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/12/72-08/29/75	15 ##	5.	35.6	305.	5.	5986.686	77.374	5.	5.	37.	167.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/13/72-05/07/75	10 ##	5.	9.3	30.	2.	67.122	8.193	2.3	5.	12.5	28.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/72-08/29/75	15 ##	0.05	0.06	0.2	0.05	0.002	0.039	0.05	0.05	0.05	0.11
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/12/72-08/29/75	15	0.23	0.281	0.65	0.04	0.027	0.166	0.106	0.16	0.4	0.572
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/12/72-08/29/75	15	0.05	0.125	0.54	0.03	0.023	0.152	0.03	0.04	0.12	0.462
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/21/73-08/29/75	10 ##	0.015	0.019	0.05	0.015	0.	0.011	0.015	0.015	0.015	0.047
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/12/72-08/29/75	15	0.02	0.041	0.18	0.01	0.002	0.05	0.01	0.01	0.04	0.15
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/21/73-08/29/75	10	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.019
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-08/29/75	7	7.	7.429	14.	4.	11.619	3.409	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/13/72-08/29/75	16	81.	83.438	124.	50.	319.863	17.885	61.2	72.5	92.75	115.6
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/10/72-08/29/75	33	85.	88.242	150.	20.	635.689	25.213	62.	75.	100.	125.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/72-08/29/75	16	168.5	172.188	216.	105.	842.296	29.022	128.8	154.25	194.5	213.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/10/74-07/10/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/10/74-07/10/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/72-06/07/73	6	170.	613.167	2400.	9.	878268.167	937.16	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/14/72-06/07/73	6	2.227	2.175	3.38	0.954	0.866	0.931	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			149.587								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-08/29/75	5 ##	5.	8.2	25.	1.	91.2	9.55	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-08/29/75	5 ##	0.699	0.699	1.398	0.	0.244	0.494	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/12/72-08/29/75	14 ##	2.	3.786	15.	2.	15.72	3.965	2.	2.	3.	12.5

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

EPA Water Quality Criteria Analysis for Station: AMIS0043

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	38	2	0.05	14	0	0.00	24	2	0.08						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	38	0	0.00	14	0	0.00	24	0	0.00						
00400	PH	Other-Hi Lim.	9.	34	0	0.00	11	0	0.00	23	0	0.00						
		Other-Lo Lim.	6.5	34	0	0.00	11	0	0.00	23	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	16	0	0.00	5	0	0.00	11	0	0.00						
		Other-Lo Lim.	6.5	16	0	0.00	5	0	0.00	11	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	15	0	0.00	5	0	0.00	10	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	16	0	0.00	5	0	0.00	11	0	0.00						
		Drinking Water	250.	16	0	0.00	5	0	0.00	11	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	33	0	0.00	10	0	0.00	23	0	0.00						
		Drinking Water	250.	33	0	0.00	10	0	0.00	23	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	16	0	0.00	5	0	0.00	11	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	1	0.17	2	1	0.50	4	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	2	0	0.00	3	0	0.00						

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

Station Inventory for Station: AMIS0044

NPS Station ID: AMIS0044
LAT/LON: 29.459726/-101.055559
Agency: 11EPALES
Date Created: / /
Location: AMISTAD LAKE
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 480101
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13040212
Depth of Water: 205
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13040212010
RF1 Mile Point: 0.840
Distance from RF1: 2.80
On/Off RF1: ON
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:
DAM SITE, CENTER OF DAM; 010 DEGREES FR BUILDING IN CENTER OF DAM. 5-14 ULE 6, NO VISIBLE PHYTOPLANKTON OR AQUATIC PLANTS; HIGH SECCHI 8-6 ULE 6, DEPTH 220.
COMMENTS: 3-5 ULE 6; DID NOT LOCATE BOTTOM FOR SURE; INTEGRATE FM 30 FT. SEEMS WAY OFF; DEPTH 200 FT.

Parameter Inventory for Station: AMIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/74-10/29/74	31	20.1	18.755	26.5	12.2	24.169	4.916	12.34	13.7	23.5	26.38
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	05/14/74-10/29/74	4	1.	13.25	50.	1.	600.25	24.5	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/05/74-10/29/74	31	94.	90.861	95.8	82.1	31.545	5.617	82.4	83.4	95.	95.48
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/05/74-10/29/74	4	160.	160.75	216.	107.	1991.583	44.627	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/74-10/29/74	31	747.	786.032	998.	642.	12877.166	113.478	657.4	708.	862.	997.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/74-10/29/74	31	886.	884.903	987.	762.	5158.224	71.821	765.8	825.	961.	969.
00300	OXYGEN, DISSOLVED MG/L	03/05/74-10/29/74	29	7.2	6.131	10.6	0.2	9.095	3.016	0.6	3.4	7.8	9.2
00400	PH (STANDARD UNITS)	03/05/74-10/29/74	31	8.	8.034	8.4	7.39	0.117	0.342	7.43	7.8	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	03/05/74-10/29/74	31	8.	7.895	8.4	7.39	0.137	0.37	7.43	7.8	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/74-10/29/74	31	0.01	0.013	0.041	0.004	0.	0.011	0.004	0.005	0.016	0.037
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/74-10/29/74	23	134.	133.652	152.	114.	128.692	11.344	117.4	123.	144.	148.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/74-10/29/74	23	0.03	0.037	0.09	0.01	0.	0.018	0.014	0.03	0.05	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/74-10/29/74	23	0.2	0.226	0.6	0.1	0.013	0.114	0.1	0.1	0.3	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/74-10/29/74	23	0.27	0.363	0.81	0.14	0.03	0.173	0.194	0.24	0.47	0.656
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/74-10/29/74	23	0.008	0.015	0.033	0.006	0.	0.011	0.006	0.006	0.028	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/05/74-10/29/74	23	0.008	0.01	0.019	0.002	0.	0.006	0.002	0.005	0.014	0.018
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/05/74-10/29/74	4	1.15	1.3	2.7	0.2	1.073	1.036	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	03/05/74-10/29/74	4	202.5	201.25	220.	180.	272.917	16.52	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	29	8	0.28	18	8	0.44	11	0	0.00						
00400	PH	Other-Hi Lim.	9.	31	0	0.00	18	0	0.00	13	0	0.00						
		Other-Lo Lim.	6.5	31	0	0.00	18	0	0.00	13	0	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: AMIS0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00	10	0	0.00	13	0	0.00						

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

Station Inventory for Station: AMIS0045

NPS Station ID: AMIS0045
LAT/LON: 29.448616/-101.056948
Agency: 11EPALES
Date Created: / /
Location: RIO GRANDE
FIPS State/County: 48000 TEXAS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 4801A1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13080001
Depth of Water: 0
Aquifer:
Major Basin: O/AMISTAD LAKE
Elevation: 0
Water Body Id:
Minor Basin: TURBINE DISCH AT AMISTAD DAM POWERHOUSE
ECO Region:
RF1 Index: 13080001016
RF1 Mile Point: 13.550
Distance from RF1: 2.80
On/Off RF1: ON
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:
TURBINE DISCHARGE AT AMISTAD DAM POWERHOUSE

Parameter Inventory for Station: AMIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/74-08/07/75	12	0.033	0.051	0.19	0.01	0.003	0.054	0.012	0.016	0.047	0.172
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/08/74-11/07/74	2 ##	0.005	0.005	0.008	0.002	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/08/74-11/07/74	2	1.664	1.664	2.88	0.448	2.957	1.72	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/08/74-08/07/75	12	0.513	0.631	1.3	0.2	0.148	0.385	0.2	0.325	0.938	1.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/08/74-08/07/75	12	0.59	0.76	2.88	0.45	0.45	0.671	0.45	0.533	0.63	2.211
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/74-08/07/75	11 ##	0.005	0.009	0.022	0.005	0.	0.006	0.005	0.005	0.01	0.022
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/08/74-08/07/75	12	0.005	0.006	0.02	0.003	0.	0.005	0.003	0.003	0.01	0.017

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

EPA Water Quality Criteria Analysis for Station: AMIS0045

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-6/09----------			----------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	1	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	3	0	0.00	9	0	0.00						

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

Station Inventory for Station: AMIS0046

NPS Station ID: AMIS0046 LAT/LON: 29.458338/-101.057227 Agency: 21TXWQB Date Created: 07/23/94
Location: AMISTAD RESERVOIR AT INTERNATIONAL BOUNDARY BUOY FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 13211 /2305.0200 /2305.2000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040212 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13040212 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
AMISTAD RESERVOIR AT INTERNATIONAL BOUNDARY BUOY I ADJACENT TO DAM

Parameter Inventory for Station: AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	364	20.	19.56	28.8	8.3	30.731	5.544	11.7	14.5	25.	26.95
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	219	67.1	67.069	83.8	48.2	102.958	10.147	51.8	58.1	77.	80.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/21/83-01/23/84	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/81-01/25/90	2	2304.	2304.	4550.	58.	10089032.	3176.324	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-08/21/79	34	5.	6.	65.	0.	122.242	11.056	0.	1.75	5.	9.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	104	144.	147.019	246.	60.	2492.058	49.921	84.	108.	186.	222.
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/05/89-07/08/93	28	3.05	3.283	6.61	1.6	1.332	1.154	2.07	2.308	3.69	5.23
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/04/92-10/13/92	3	356.	337.667	400.	257.	5364.333	73.242	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	377	1020.	1151.117	8700.	550.	631221.077	794.494	860.	970.	1179.5	1356.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	113	1160.	1178.973	1760.	775.	32599.24	180.553	950.	1108.	1272.5	1393.8
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	349	8.1	8.105	14.5	0.1	4.913	2.217	5.2	7.2	9.6	10.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/13/91-10/13/92	5	87.6	87.92	93.9	80.	33.087	5.752	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-11/18/92	113	1.5	1.631	15.	0.25	2.346	1.532	0.5	1.	2.	2.8
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	275	8.2	8.161	10.5	3.4	0.269	0.519	7.7	8.	8.4	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	275	8.2	5.836	10.5	3.4	5.696	2.387	7.7	8.	8.4	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	275	0.006	1.46	398.107	0.	576.29	24.006	0.003	0.004	0.01	0.02
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	113	8.3	8.227	8.5	7.3	0.043	0.208	8.	8.1	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	113	8.3	8.159	8.5	7.3	0.048	0.219	8.	8.1	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	113	0.005	0.007	0.05	0.003	0.	0.006	0.004	0.004	0.008	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	140	123.	124.229	178.	103.	89.919	9.483	114.	118.	129.	133.9
00480	SALINITY - PARTS PER THOUSAND	03/04/92-03/04/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	08/24/82-08/24/82	1	50900.	50900.	50900.	50900.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	164	## 5.	5.311	43.	0.5	28.277	5.318	2.5	2.5	5.	8.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	159	## 5.	3.881	25.	0.	6.552	2.56	1.	2.5	5.	5.
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	08/24/82-08/24/82	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	164	0.03	0.039	0.23	0.005	0.001	0.034	0.01	0.01	0.05	0.08
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/27/88-07/08/93	8	## 0.008	0.009	0.02	0.005	0.	0.005	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	126	0.41	0.399	0.64	0.01	0.018	0.134	0.204	0.33	0.5	0.57
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/86-07/08/93	14	0.4	0.451	0.9	0.2	0.042	0.205	0.21	0.3	0.525	0.85
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	92	0.03	0.057	0.92	0.01	0.011	0.103	0.015	0.03	0.06	0.09
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	88	## 0.015	0.025	0.28	0.005	0.001	0.033	0.015	0.015	0.026	0.03
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	162	0.01	0.024	0.49	0.	0.002	0.046	0.005	0.01	0.02	0.04
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	08/24/82-08/24/82	1	730.	730.	730.	730.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	121	## 0.005	0.009	0.09	0.	0.	0.01	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	148	3.	3.041	30.	0.5	7.26	2.694	2.	2.	3.	4.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	164	120.	127.604	361.	66.	1225.443	35.006	97.5	106.25	137.75	179.

** - Less than 9 observations ## - 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: AMIS0046

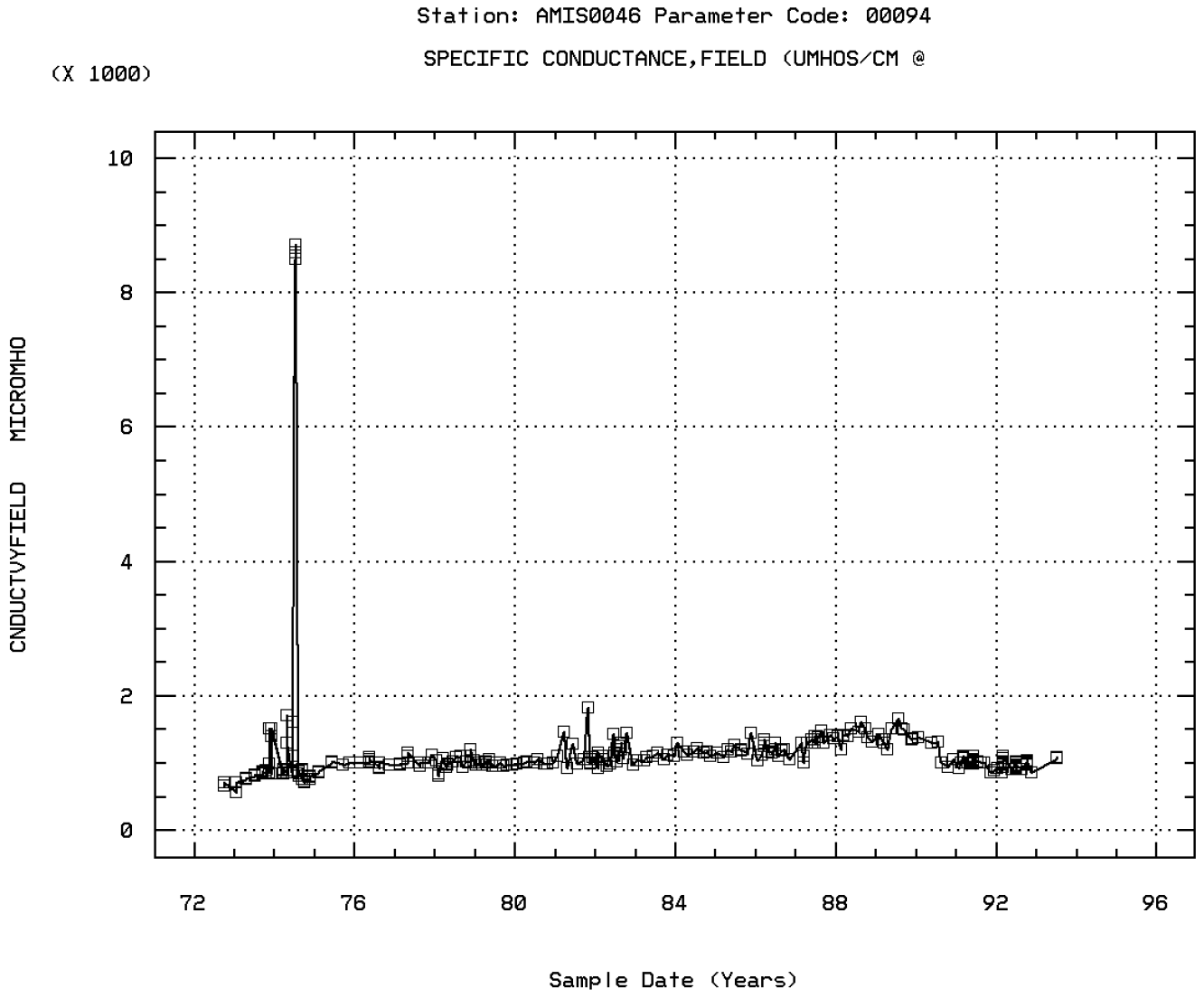
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/17/73-08/18/76	20	90.	89.6	128.	15.	787.726	28.066	51.	76.25	111.75	125.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	163	229.	231.577	323.	132.	1131.517	33.638	189.4	214.	256.	274.6
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/24/82-08/24/82	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	06/19/90-06/19/90	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	08/24/82-08/24/82	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/24/82-08/24/82	1 ##	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/24/82-08/24/82	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/24/82-08/24/82	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/24/82-08/24/82	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/24/82-08/24/82	1	520.	520.	520.	520.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/24/82-08/24/82	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	08/24/82-08/24/82	1 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/24/82-08/24/82	1	87.	87.	87.	87.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/24/82-08/24/82	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	06/19/90-06/19/90	1	1.85	1.85	1.85	1.85	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	147 ##	4.	9.204	700.	0.	3574.372	59.786	0.5	0.5	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	147 ##	0.602	0.28	2.845	-0.301	0.305	0.553	-0.301	-0.301	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.907								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	117 ##	1.	1.989	18.	0.5	4.527	2.128	1.	1.	2.	4.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	104 ##	1.	1.259	14.1	0.	1.971	1.404	0.5	1.	1.	2.
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	06/19/90-06/19/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	06/19/90-06/19/90	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	06/19/90-06/19/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	06/19/90-06/19/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	06/19/90-06/19/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	06/19/90-06/19/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	06/19/90-06/19/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	06/21/84-06/21/84	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	06/19/90-06/19/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	08/24/82-08/24/82	1 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	08/24/82-08/24/82	1	73.	73.	73.	73.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/24/82-08/24/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	1 ##	3.25	3.25	3.25	3.25	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	06/19/90-06/19/90	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/24/82-08/24/82	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/24/82-08/24/82	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	06/19/90-06/19/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/24/82-08/24/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/24/82-08/24/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/19/90-06/19/90	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/82-08/24/82	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-08/24/82	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/24/82-08/24/82	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/82-08/24/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	121	678.	701.983	1164.	520.	9047.916	95.121	590.8	640.	761.	835.6
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/24/82-08/24/82	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/19/90-06/19/90	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/19/90-06/19/90	1 ##	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/19/90-06/19/90	1 ##	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/19/90-06/19/90	1 ##	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/19/90-06/19/90	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/75-12/09/87	13	197.	194.	215.	180.	99.	9.95	180.	184.5	199.	209.
72053	DAYS SINCE PRECIPITATION EVENT DAYS	05/23/90-11/18/92	17	5.	7.706	34.	1.	74.221	8.615	1.	1.	10.	22.
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	06/19/90-06/19/90	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	06/19/90-06/19/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	06/19/90-06/19/90	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	34	1	0.03	15	0	0.00	19	1	0.05						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	349	18	0.05	150	18	0.12	199	0	0.00						
00400	PH	Other-Hi Lim.	9.	275	7	0.03	110	3	0.03	165	4	0.02						
		Other-Lo Lim.	6.5	275	1	0.00	110	1	0.01	165	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	113	0	0.00	47	0	0.00	66	0	0.00						
		Other-Lo Lim.	6.5	113	0	0.00	47	0	0.00	66	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	8	0	0.00	4	0	0.00	4	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	126	0	0.00	53	0	0.00	73	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	164	0	0.00	69	0	0.00	95	0	0.00						
		Drinking Water	250.	164	1	0.01	69	1	0.01	95	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	20	0	0.00	9	0	0.00	11	0	0.00						
		Drinking Water	250.	20	0	0.00	9	0	0.00	11	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	163	48	0.29	68	25	0.37	95	23	0.24						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	147	2	0.01	64	1	0.02	83	1	0.01						

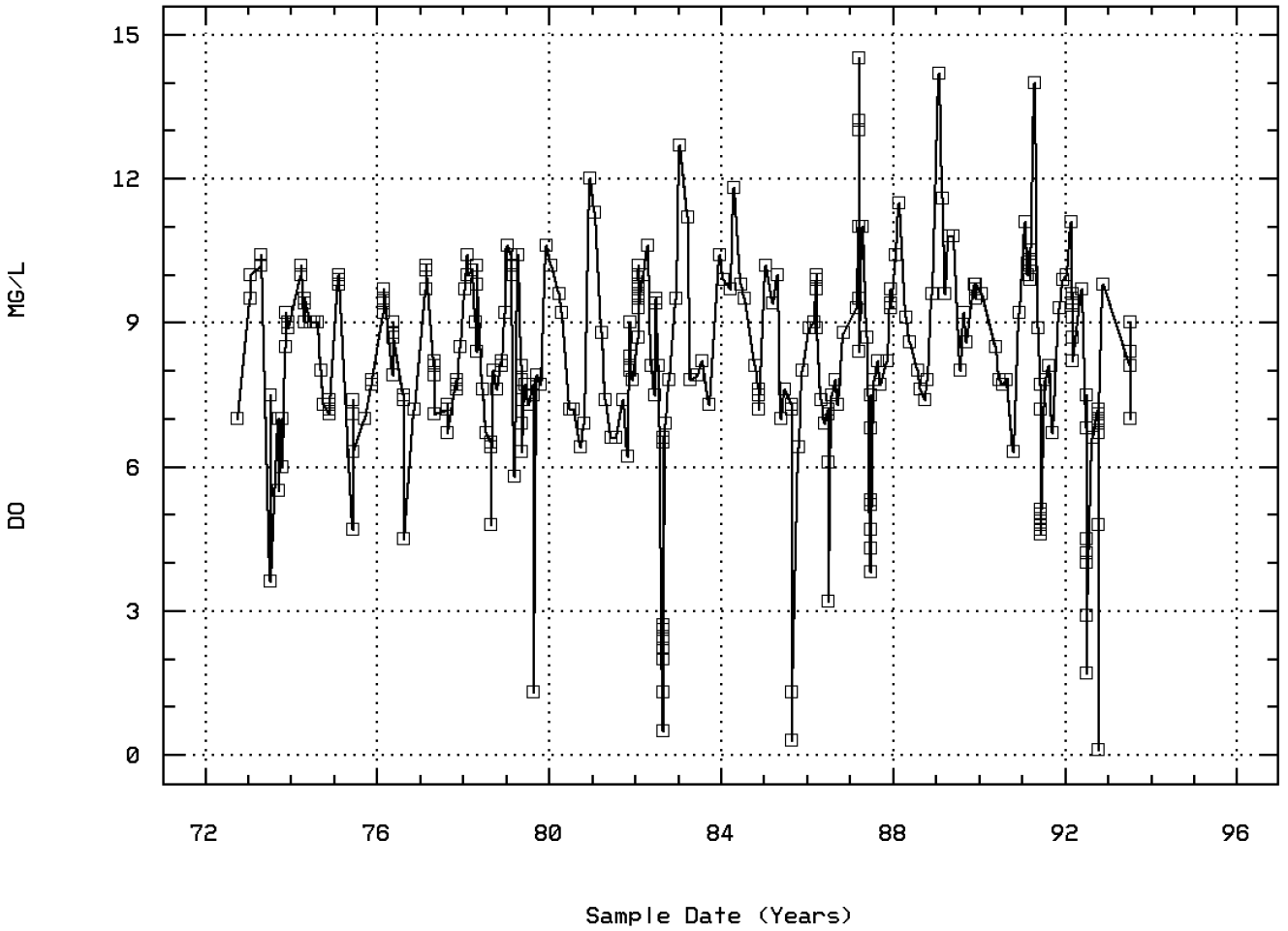
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



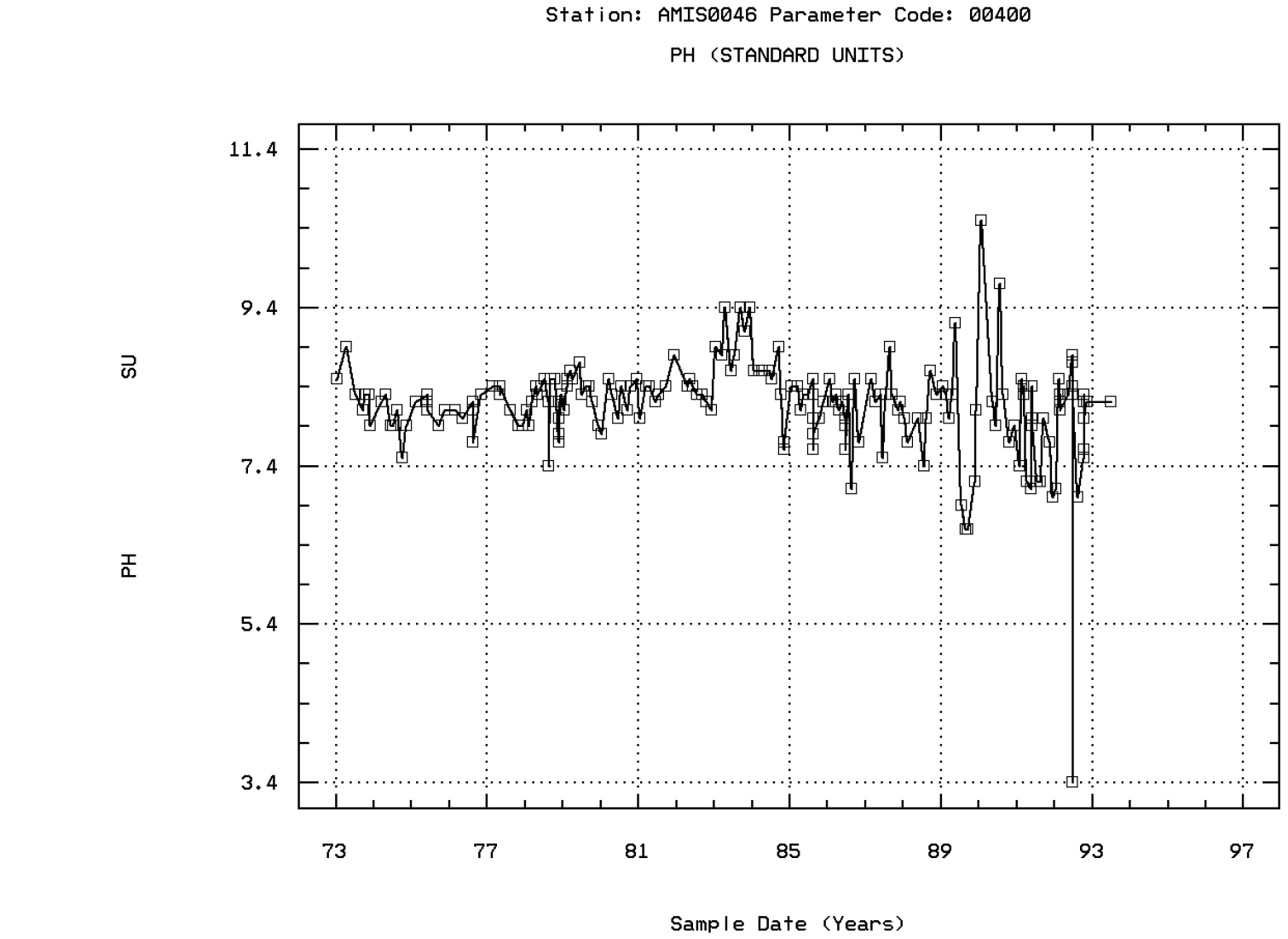
AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Station: AMIS0046 Parameter Code: 00300

OXYGEN, DISSOLVED



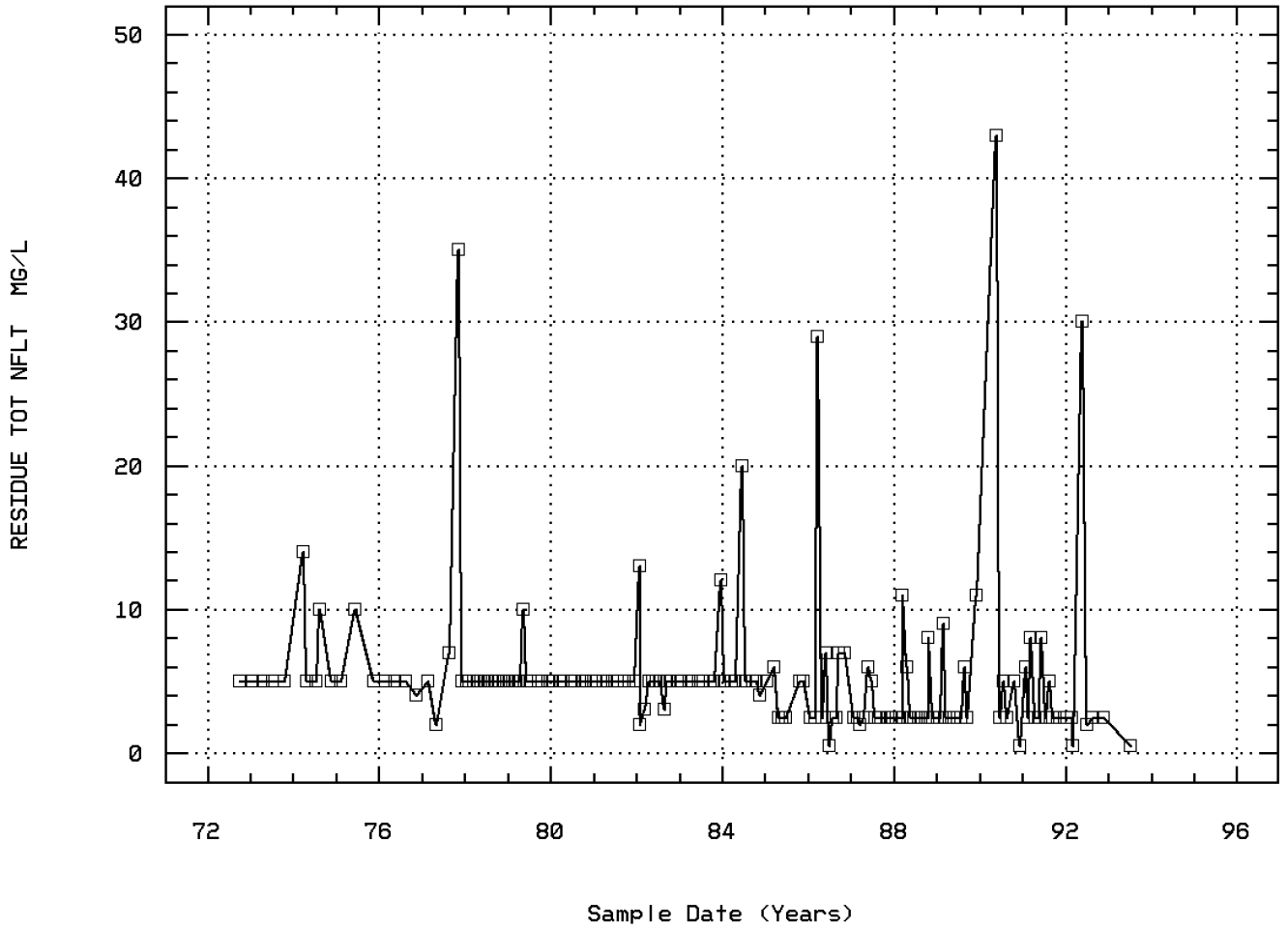
AMISTAD RESERVOIR AT INTERNATIONAL BOUN



AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Station: AMIS0046 Parameter Code: 00530

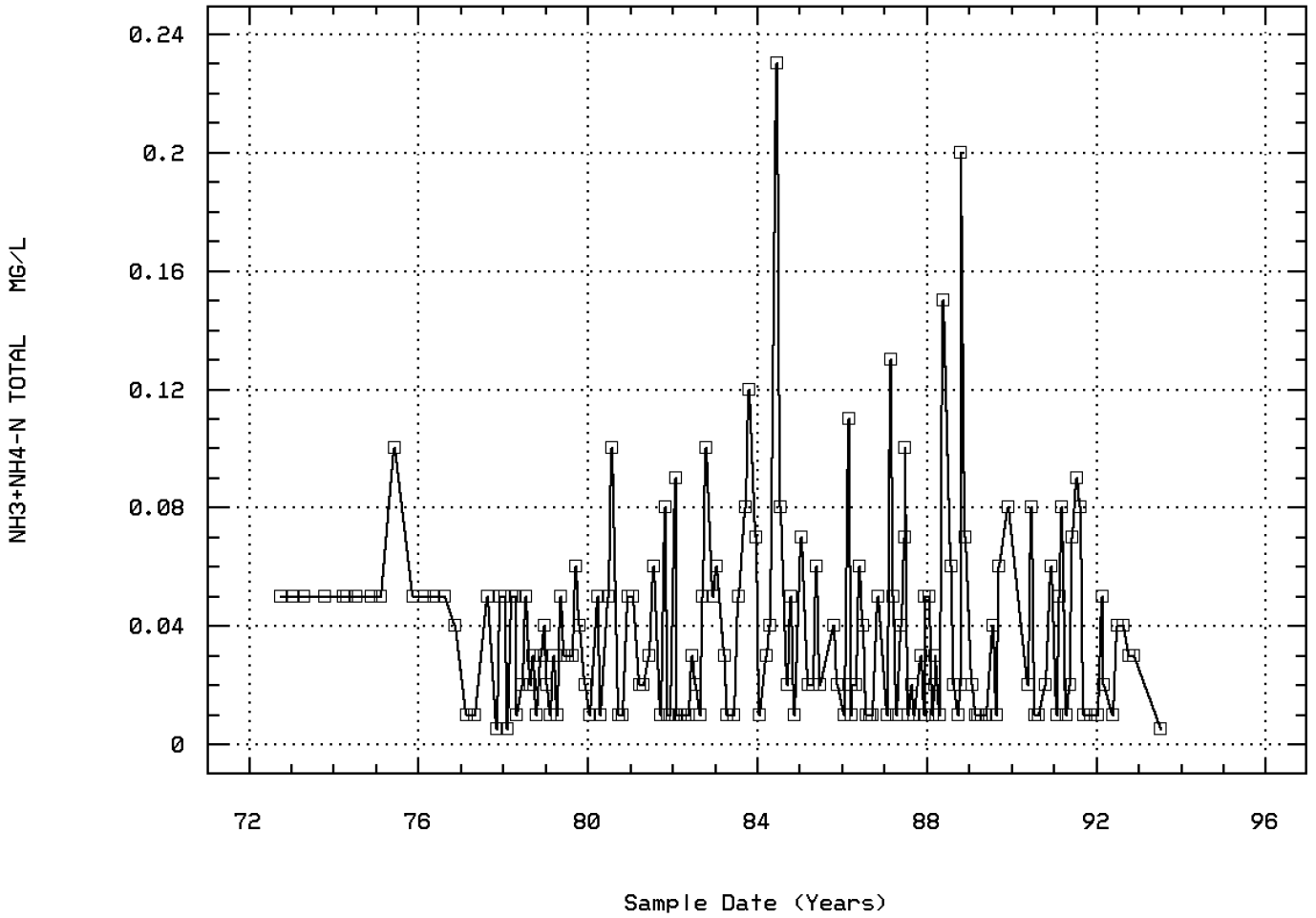
RESIDUE, TOTAL NONFILTRABLE (MG/L)



AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Station: AMIS0046 Parameter Code: 00610

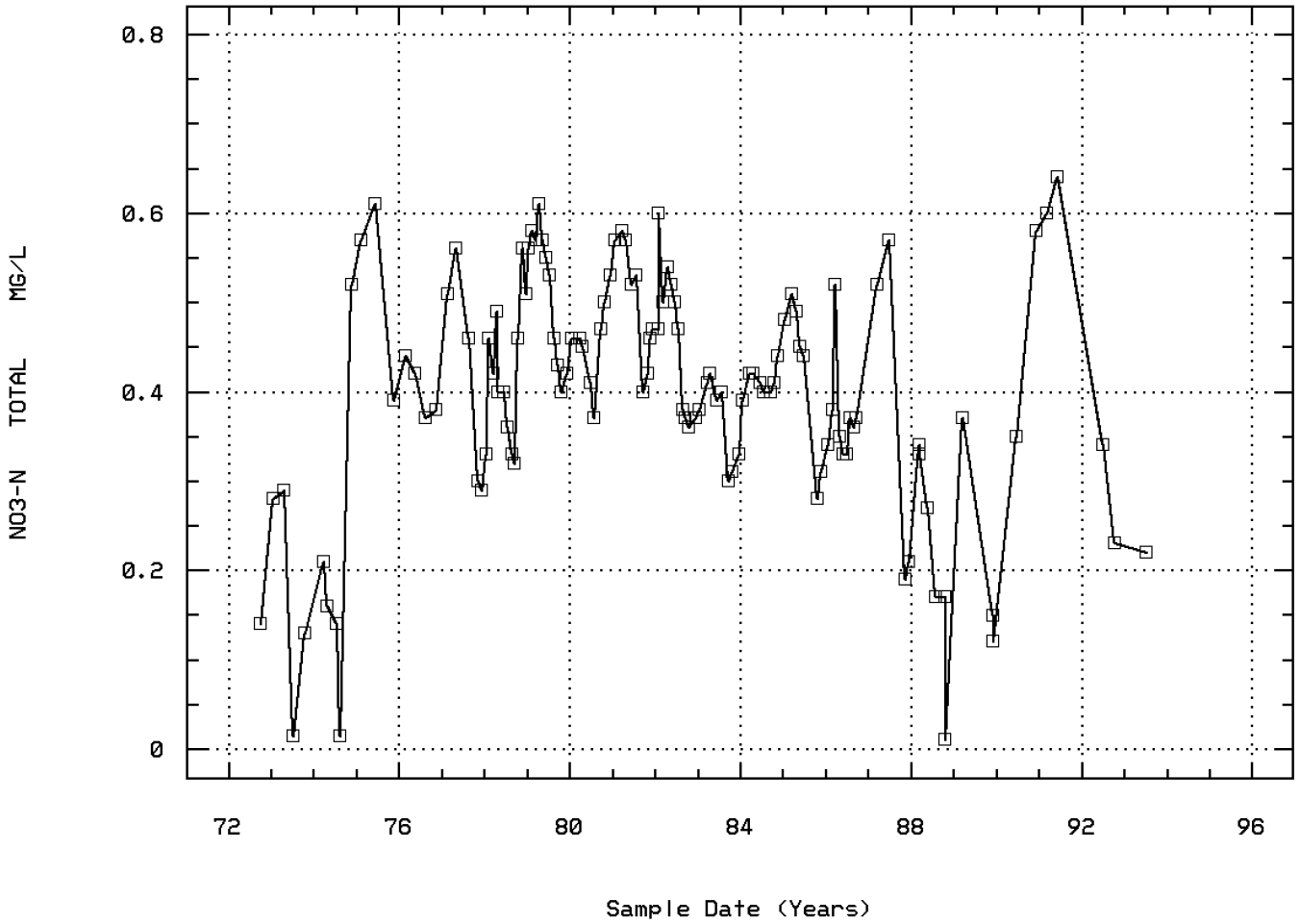
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Station: AMIS0046 Parameter Code: 00620

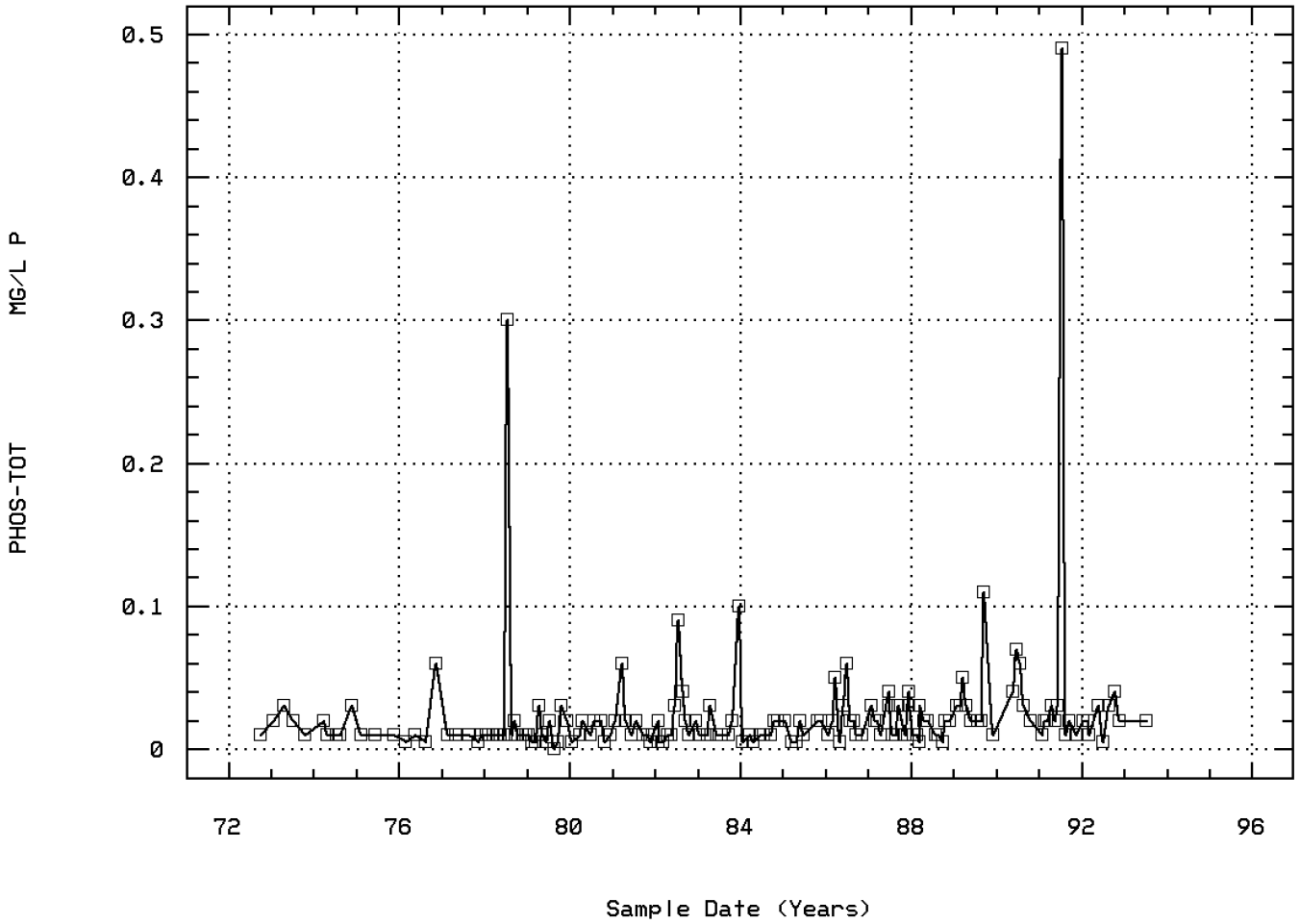
NITRATE NITROGEN, TOTAL (MG/L AS N)



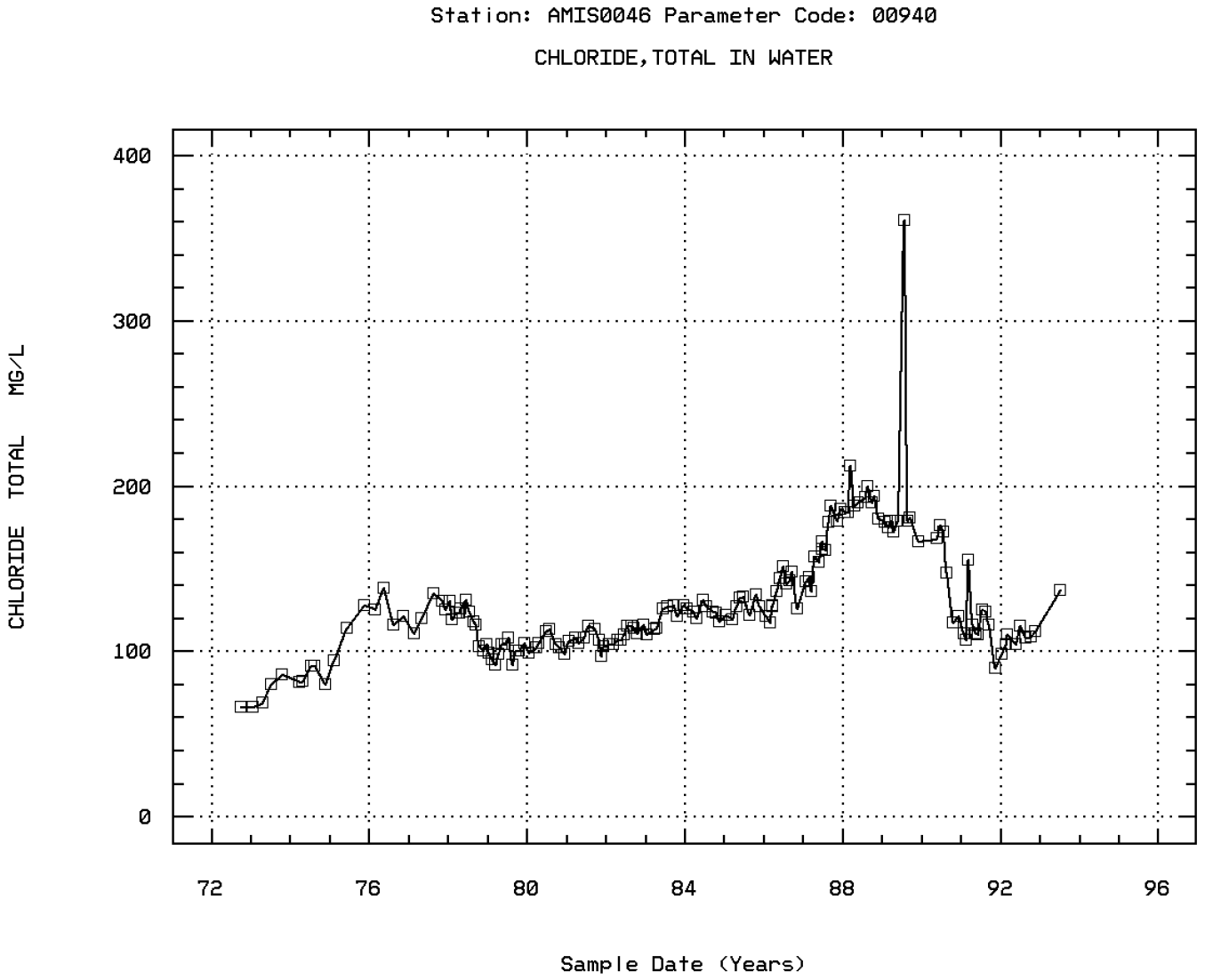
AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Station: AMIS0046 Parameter Code: 00665

PHOSPHORUS, TOTAL (MG/L AS P)



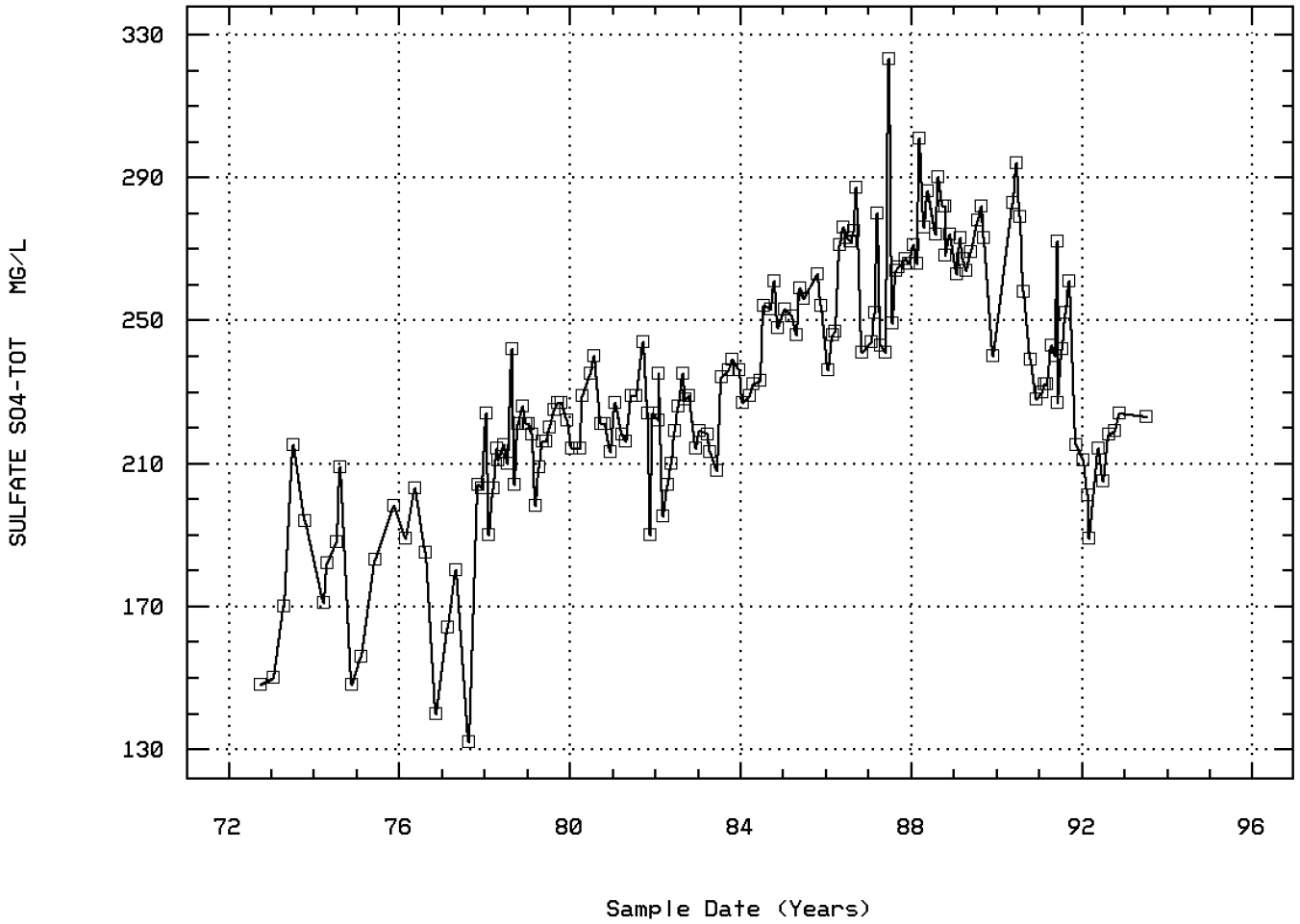
AMISTAD RESERVOIR AT INTERNATIONAL BOUN



AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Station: AMIS0046 Parameter Code: 00945

SULFATE, TOTAL (MG/L AS SO4)



AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Annual Analysis for 1972 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	1	24.4	24.4	24.4	24.4	0.	0.	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	2	675.	675.	700.	650.	1250.	35.355	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	1	796.	796.	796.	796.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	1	148.	148.	148.	148.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	20	19.4	19.9	27.2	10.	24.886	4.989	10.61	17.2	24.85	26.1
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	20	67.	67.6	81.	50.	79.726	8.929	51.1	63.	76.75	78.9
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	22	840.	905.682	1500.	550.	59169.751	243.248	715.	793.75	890.	1470.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	4	887.5	893.75	960.	840.	2656.25	51.539	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	17	8.5	7.829	10.4	3.6	4.807	2.193	3.6	6.5	9.75	10.24
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.3	8.329	8.9	7.9	0.099	0.315	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.3	8.243	8.9	7.9	0.108	0.328	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	7	0.005	0.006	0.013	0.001	0.	0.004	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	4	8.25	8.2	8.3	8.	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	4	8.247	8.182	8.3	8.	0.02	0.143	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	4	0.006	0.007	0.01	0.005	0.	0.002	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	4	0.205	0.179	0.29	0.015	0.017	0.131	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	4	0.05	0.053	0.08	0.03	0.	0.021	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	4	0.02	0.02	0.03	0.01	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	4	74.5	75.25	86.	66.	87.583	9.359	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	4	182.	182.25	215.	150.	800.25	28.289	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	4 ##	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 box-and-whisker plot

Annual Analysis for 1974 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	29	21.1	21.569	27.2	13.	16.548	4.068	15.5	18.4	25.	27.2
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	29	70.	70.245	81.	55.4	55.495	7.45	59.9	65.	77.	79.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	31	870.	1907.097	8700.	710.	6909067.957	2628.511	750.	800.	1100.	8580.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	5	972.	957.4	1008.	845.	4350.8	65.961	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	21	9.	8.605	10.2	7.1	1.032	1.016	7.22	7.35	9.2	10.
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	12	7.9	7.942	8.3	7.5	0.039	0.198	7.62	7.9	8.05	8.27

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Annual Analysis for 1974 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	12	7.9	7.898	8.3	7.5	0.041	0.203	7.62	7.9	8.05	8.27
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	12	0.013	0.013	0.032	0.005	0.	0.007	0.005	0.009	0.013	0.026
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	5	8.3	8.28	8.5	8.1	0.032	0.179	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	5	8.3	8.251	8.5	8.1	0.033	0.182	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	5	0.005	0.006	0.008	0.003	0.	0.002	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	5 ##	5.	7.8	14.	5.	16.7	4.087	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	5 ##	5.	6.	10.	5.	5.	2.236	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	5	0.16	0.209	0.52	0.015	0.035	0.188	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	5	0.03	0.038	0.08	0.015	0.001	0.028	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	5 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	5	0.01	0.016	0.03	0.01	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	5	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	4	4.	4.	7.	1.	6.667	2.582	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	5	82.	85.	91.	80.	30.5	5.523	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	5	182.	179.6	209.	148.	503.3	22.434	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	2 ##	3.	3.	5.	1.	8.	2.828	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	2 ##	0.349	0.349	0.699	0.	0.244	0.494	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.236								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

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Annual Analysis for 1975 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	13	18.8	18.854	25.5	11.7	29.494	5.431	11.7	12.2	24.5	25.3
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	12	65.9	65.292	77.9	53.1	96.283	9.812	53.1	53.5	75.7	77.63
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	13	1000.	955.769	1010.	850.	4241.026	65.123	854.	872.5	1000.	1006.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	3	1086.	1042.	1110.	930.	9552.	97.734	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	12	7.7	7.767	10.	4.7	2.401	1.549	5.18	7.025	9.3	9.97
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	13	8.2	8.146	8.3	7.9	0.009	0.097	7.98	8.1	8.2	8.26
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	13	8.2	8.135	8.3	7.9	0.009	0.097	7.98	8.1	8.2	8.26
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	13	0.006	0.007	0.013	0.005	0.	0.002	0.006	0.006	0.008	0.011
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	3	8.3	8.333	8.5	8.2	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	3	8.3	8.316	8.5	8.2	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	3	0.005	0.005	0.006	0.003	0.	0.002	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	3	0.57	0.523	0.61	0.39	0.014	0.117	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	3 ##	0.015	0.02	0.03	0.015	0.	0.009	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	3 ##	0.015	0.02	0.03	0.015	0.	0.009	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	3	5.	5.333	6.	5.	0.333	0.577	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	3	114.	112.	128.	94.	292.	17.088	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	3	183.	179.	198.	156.	453.	21.284	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	3 ##	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.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	4 ##	2.	2.5	4.	2.	1.	1.	**	**	**	**

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Annual Analysis for 1976 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	13	21.1	19.977	27.6	12.5	33.317	5.772	12.62	12.8	25.95	27.32
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	13	70.	67.915	81.7	54.5	109.316	10.455	54.5	55.	78.7	81.18
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	1	228.	228.	228.	228.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	16	997.5	985.313	1080.	910.	2018.229	44.925	917.	960.	1000.	1059.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	4	1104.	1095.25	1183.	990.	7486.25	86.523	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	16	7.7	7.994	9.7	4.5	1.757	1.325	6.39	7.2	9.15	9.56
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.1	8.112	8.3	7.7	0.025	0.159	7.91	8.	8.275	8.3
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.1	8.082	8.3	7.7	0.026	0.162	7.91	8.	8.275	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	16	0.008	0.008	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.013
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	4	8.3	8.225	8.4	7.9	0.056	0.236	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	4	8.289	8.173	8.4	7.9	0.059	0.244	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	4	0.005	0.007	0.013	0.004	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	1	178.	178.	178.	178.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	4 ##	5.	4.75	5.	4.	0.25	0.5	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	4 ##	5.	4.5	5.	3.	1.	1.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	4 ##	0.05	0.048	0.05	0.04	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	4	0.4	0.403	0.44	0.37	0.001	0.033	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	4 ##	0.023	0.06	0.18	0.015	0.006	0.08	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	4 ##	0.023	0.023	0.03	0.015	0.	0.009	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	4 ##	0.008	0.02	0.06	0.005	0.001	0.027	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	3	3.	3.667	5.	3.	1.333	1.155	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	4	123.	125.	138.	116.	88.667	9.416	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	4	187.	179.25	203.	140.	744.25	27.281	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	2 ##	3.	3.	5.	1.	8.	2.828	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	2 ##	0.349	0.349	0.699	0.	0.244	0.494	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.236								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	4 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

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Annual Analysis for 1977 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	17	20.5	19.429	27.	11.5	29.983	5.476	11.58	14.	23.75	27.
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	16	68.9	66.813	80.6	52.	97.733	9.886	52.63	55.7	74.575	80.6
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	3	174.	186.	216.	168.	684.	26.153	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	17	1000.	1010.882	1150.	950.	4038.235	63.547	950.	960.	1050.	1118.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	5	925.	935.2	1176.	775.	22807.7	151.022	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	17	7.8	8.176	10.2	6.7	1.316	1.147	7.02	7.25	9.1	10.12
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.2	8.181	8.4	7.9	0.051	0.226	7.9	7.9	8.4	8.4
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.189	8.126	8.4	7.9	0.054	0.233	7.9	7.9	8.4	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	16	0.006	0.007	0.013	0.004	0.	0.004	0.004	0.004	0.013	0.013
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	5	8.2	8.16	8.4	7.8	0.048	0.219	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	5	8.2	8.111	8.4	7.8	0.051	0.226	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	5	0.006	0.008	0.016	0.004	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	5	120.	120.6	129.	113.	53.3	7.301	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	5	5.	10.8	35.	2.	186.2	13.646	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	5	5.	7.8	25.	1.	95.2	9.757	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	5 ##	0.01	0.025	0.05	0.005	0.001	0.023	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	5	0.46	0.424	0.56	0.29	0.015	0.123	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	4	0.06	0.049	0.06	0.015	0.001	0.023	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	4	0.03	0.026	0.03	0.015	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	5 ##	0.01	0.009	0.01	0.005	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	1	3.	3.	3.	3.	0.	0.	**	**	**	**

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Annual Analysis for 1977 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	5	125.	124.2	135.	111.	85.7	9.257	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	5	180.	176.6	204.	132.	901.8	30.03	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	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.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	5 ##	2.	1.7	2.	0.5	0.45	0.671	**	**	**	**

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Annual Analysis for 1978 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	24	19.	18.971	27.1	9.5	36.22	6.018	9.5	14.125	24.8	27.
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	23	66.	66.496	81.	49.1	118.477	10.885	49.1	58.1	77.7	81.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	10	183.	174.3	246.	89.	2409.789	49.09	92.7	129.	216.	243.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	24	1005.	1000.208	1200.	810.	9935.824	99.679	835.	947.5	1093.75	1100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	12	1158.5	1162.583	1276.	1106.	2211.538	47.027	1110.2	1122.	1192.	1252.3
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	22	8.3	8.418	10.4	4.8	2.456	1.567	6.4	7.375	10.	10.17
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	24	8.2	8.142	8.5	7.4	0.077	0.278	7.75	7.9	8.3	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	24	8.2	8.042	8.5	7.4	0.088	0.296	7.75	7.9	8.3	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	24	0.006	0.009	0.04	0.003	0.	0.008	0.003	0.005	0.013	0.018
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	12	8.3	8.267	8.5	7.9	0.032	0.178	7.96	8.125	8.4	8.47
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	12	8.289	8.231	8.5	7.9	0.033	0.181	7.96	8.125	8.4	8.47
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	12	0.005	0.006	0.013	0.003	0.	0.003	0.003	0.004	0.008	0.011
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	12	118.	115.667	122.	108.	23.152	4.812	108.	111.	119.5	121.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	12 ##	5.	4.583	5.	0.	2.083	1.443	1.5	5.	5.	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	12 ##	0.03	0.03	0.05	0.005	0.	0.017	0.007	0.013	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	12	0.41	0.42	0.56	0.32	0.006	0.078	0.323	0.338	0.483	0.545
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	11	0.03	0.114	0.92	0.03	0.072	0.268	0.03	0.03	0.03	0.748
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	11 ##	0.015	0.016	0.03	0.015	0.	0.005	0.015	0.015	0.015	0.027
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	12	0.01	0.035	0.3	0.01	0.007	0.084	0.01	0.01	0.01	0.216
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	12 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	12	2.	4.583	30.	1.	64.447	8.028	1.3	2.	3.	21.9
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	12	121.	118.083	131.	100.	110.265	10.501	100.9	107.	125.5	130.7
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	12	214.5	215.083	242.	190.	175.902	13.263	193.9	205.5	223.25	237.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	12 ##	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	12 ##	1.	1.75	6.	1.	2.205	1.485	1.	1.	2.	5.1
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	12 ##	1.	1.083	3.	0.5	0.402	0.634	0.5	1.	1.	2.4

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Annual Analysis for 1979 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	22	20.75	19.168	27.4	9.	44.615	6.679	9.3	12.375	26.5	26.5
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	22	67.1	65.827	81.3	48.2	142.051	11.919	48.74	54.275	77.675	79.7
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	9	198.	187.333	228.	102.	1723.25	41.512	102.	164.5	222.5	228.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	23	1000.	993.043	1050.	950.	694.862	26.36	955.	970.	1000.	1036.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	11	1120.	1100.455	1178.	900.	5573.273	74.654	930.	1092.	1144.	1173.4
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	22	7.7	8.045	10.6	1.3	4.442	2.108	5.95	7.375	10.05	10.54
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	13	8.4	8.369	8.7	7.9	0.044	0.21	7.98	8.25	8.5	8.66

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Annual Analysis for 1979 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	13	8.4	8.317	8.7	7.9	0.047	0.217	7.98	8.25	8.5	8.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	13	0.004	0.005	0.013	0.002	0.	0.003	0.002	0.003	0.006	0.011
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	11	8.4	8.273	8.5	7.7	0.05	0.224	7.78	8.2	8.4	8.48
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	11	8.4	8.205	8.5	7.7	0.055	0.235	7.78	8.2	8.4	8.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	11	0.004	0.006	0.02	0.003	0.	0.005	0.003	0.004	0.006	0.018
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	11	122.	118.909	124.	103.	48.491	6.964	104.2	116.	124.	124.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	11 ##	5.	5.091	10.	1.	4.091	2.023	1.8	5.	5.	9.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	11 ##	5.	4.727	6.	1.	1.618	1.272	1.8	5.	5.	5.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	11	0.03	0.03	0.06	0.01	0.	0.015	0.01	0.02	0.04	0.058
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	11	0.55	0.516	0.61	0.4	0.006	0.074	0.404	0.43	0.57	0.604
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	11	0.03	0.039	0.09	0.01	0.001	0.031	0.011	0.015	0.06	0.09
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	11 ##	0.015	0.014	0.015	0.005	0.	0.003	0.007	0.015	0.015	0.015
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	11	0.01	0.013	0.03	0.	0.	0.011	0.001	0.005	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	11 ##	0.005	0.005	0.005	0.	0.	0.002	0.001	0.005	0.005	0.005
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	11	2.	2.455	3.	2.	0.273	0.522	2.	2.	3.	3.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	11	100.	99.727	108.	92.	27.818	5.274	92.	95.	104.	107.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	11	220.	218.091	227.	198.	72.891	8.538	200.2	216.	225.	227.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	11 ##	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	11 ##	1.	1.727	5.	1.	1.618	1.272	1.	1.	2.	4.6
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	11 ##	1.	1.	2.	0.	0.2	0.447	0.2	1.	1.	1.8

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Annual Analysis for 1980 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	8	20.5	21.388	28.8	14.5	36.261	6.022	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	8	68.9	70.488	83.8	58.1	117.47	10.838	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	8	165.	172.875	240.	120.	2000.411	44.726	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	8	997.5	1002.5	1050.	980.	542.857	23.299	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	8	1139.5	1142.75	1200.	1092.	1211.071	34.8	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	8	8.2	8.588	12.	6.4	3.876	1.969	**	**	**	**
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	8	8.35	8.25	8.5	7.8	0.066	0.256	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	8	8.347	8.178	8.5	7.8	0.072	0.268	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	8	0.004	0.007	0.016	0.003	0.	0.004	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	8	8.4	8.325	8.5	8.1	0.019	0.139	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	8	8.4	8.305	8.5	8.1	0.02	0.141	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	8	0.004	0.005	0.008	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	8	119.	119.75	128.	112.	33.643	5.8	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	8 ##	0.03	0.036	0.1	0.01	0.001	0.032	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	8	0.46	0.456	0.53	0.37	0.002	0.05	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	8	0.03	0.038	0.06	0.015	0.	0.02	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	8 ##	0.015	0.024	0.06	0.015	0.	0.016	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	8	0.01	0.013	0.02	0.005	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	8 ##	0.005	0.008	0.02	0.005	0.	0.005	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	8	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	8	103.	104.375	113.	98.	30.554	5.528	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	8	221.	223.375	240.	213.	105.411	10.267	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	8 ##	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.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	8 ##	1.	1.625	3.	1.	0.839	0.916	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

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Annual Analysis for 1981 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	12	18.9	19.608	27.5	12.	19.714	4.44	12.9	16.625	23.875	26.75
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	12	66.	67.292	81.5	53.6	63.883	7.993	55.22	61.925	74.975	80.15
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	9	156.	160.444	222.	118.	1440.778	37.958	118.	123.	195.	222.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	13	1050.	1134.615	1810.	925.	60976.923	246.935	949.	995.	1180.	1670.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	9	1148.	1146.222	1221.	950.	6418.194	80.114	950.	1141.	1202.5	1221.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	12	7.9	7.958	11.3	6.2	1.866	1.366	6.32	6.8	8.675	10.61
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.4	8.357	8.8	8.	0.06	0.244	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.4	8.303	8.8	8.	0.063	0.251	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	7	0.004	0.005	0.01	0.002	0.	0.003	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	9	8.3	8.156	8.5	7.3	0.125	0.354	7.3	8.05	8.35	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	9	8.3	7.969	8.5	7.3	0.164	0.405	7.3	8.05	8.35	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	9	0.005	0.011	0.05	0.003	0.	0.015	0.003	0.004	0.009	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	9	122.	120.556	128.	114.	18.278	4.275	114.	117.	123.	128.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	9 ##	5.	4.556	5.	1.	1.778	1.333	1.	5.	5.	5.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	9 ##	5.	4.556	5.	1.	1.778	1.333	1.	5.	5.	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	9	0.02	0.032	0.08	0.01	0.001	0.025	0.01	0.01	0.055	0.08
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	9	0.52	0.502	0.58	0.4	0.005	0.067	0.4	0.44	0.57	0.58
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	9	0.03	0.055	0.18	0.015	0.002	0.05	0.015	0.03	0.06	0.18
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	9 ##	0.015	0.042	0.15	0.015	0.002	0.045	0.015	0.015	0.06	0.15
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	9	0.01	0.018	0.06	0.005	0.	0.017	0.005	0.01	0.02	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	9 ##	0.005	0.014	0.05	0.005	0.	0.015	0.005	0.005	0.02	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	8	2.	2.125	3.	2.	0.125	0.354	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	9	107.	106.889	115.	97.	27.861	5.278	97.	104.	110.5	115.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	9	224.	222.333	244.	190.	211.25	14.534	190.	217.	229.	244.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	9 ##	5.	4.111	5.	1.	3.111	1.764	1.	3.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	9 ##	0.699	0.544	0.699	0.	0.095	0.308	0.	0.349	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.497								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	9 ##	1.	1.333	2.	1.	0.25	0.5	1.	1.	2.	2.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	9 ##	1.	1.556	5.	1.	1.778	1.333	1.	1.	1.5	5.

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Annual Analysis for 1982 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	32	14.05	16.766	28.5	11.	41.878	6.471	11.	11.	22.375	27.38
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	32	57.3	61.816	83.3	51.8	130.997	11.445	51.8	51.8	71.6	81.29
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	8	135.	145.	216.	72.	2634.286	51.325	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	33	1100.	1141.364	1440.	910.	15801.989	125.706	978.	1050.	1250.	1280.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	11	1134.	1116.364	1216.	980.	6242.455	79.009	984.	1025.	1162.	1211.2
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	29	8.1	7.138	10.6	0.5	10.259	3.203	2.	4.6	9.55	10.
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.3	8.314	8.5	8.1	0.018	0.135	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.3	8.296	8.5	8.1	0.018	0.136	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	7	0.005	0.005	0.008	0.003	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	11	8.3	8.227	8.4	8.	0.026	0.162	8.	8.	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	11	8.3	8.199	8.4	8.	0.027	0.165	8.	8.	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	11	0.005	0.006	0.01	0.004	0.	0.002	0.004	0.004	0.01	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	11	125.	126.	141.	114.	76.	8.718	114.6	118.	130.	140.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	11 ##	5.	5.091	13.	2.	8.091	2.844	2.2	3.	5.	11.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	11 ##	5.	3.909	6.	0.5	4.441	2.107	0.5	1.	5.	5.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	11	0.02	0.035	0.1	0.01	0.001	0.033	0.01	0.01	0.05	0.098
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	11	0.47	0.462	0.6	0.36	0.007	0.081	0.362	0.37	0.52	0.588
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	11	0.06	0.072	0.28	0.015	0.006	0.076	0.015	0.03	0.09	0.248
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	11 ##	0.015	0.018	0.03	0.015	0.	0.006	0.015	0.015	0.015	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	11	0.02	0.024	0.09	0.005	0.001	0.025	0.005	0.01	0.03	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	11	2.	2.273	3.	2.	0.218	0.467	2.	2.	3.	3.

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Annual Analysis for 1982 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	11	110.	109.727	116.	104.	22.818	4.777	104.	104.	115.	115.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	11	222.	219.727	235.	195.	165.218	12.854	196.8	210.	229.	235.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	11 ##	5.	4.636	5.	1.	1.455	1.206	1.8	5.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	11 ##	0.699	0.635	0.699	0.	0.044	0.211	0.14	0.699	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.319								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	11 ##	1.	2.	7.	1.	3.6	1.897	1.	1.	2.	6.4
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	11 ##	1.	1.273	2.	1.	0.218	0.467	1.	1.	2.	2.

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Annual Analysis for 1983 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	8	20.	19.1	25.5	11.	28.137	5.304	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	8	68.	66.375	77.9	51.8	91.274	9.554	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	7	132.	129.429	186.	76.	1583.619	39.795	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	8	1087.5	1080.625	1140.	1030.	1638.839	40.483	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	8	1252.	1234.25	1309.	1155.	3645.357	60.377	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	7	8.2	9.357	12.7	7.3	4.296	2.073	**	**	**	**
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	8	9.	9.05	9.4	8.6	0.103	0.321	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	8	8.989	8.952	9.4	8.6	0.114	0.337	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	8	0.001	0.001	0.003	0.	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	8	8.2	8.188	8.3	8.	0.01	0.099	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	8	8.2	8.177	8.3	8.	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	8	0.006	0.007	0.01	0.005	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	8	126.	125.75	133.	118.	26.5	5.148	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	8 ##	5.	5.875	12.	5.	6.125	2.475	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	8	0.055	0.054	0.12	0.01	0.001	0.037	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	8	0.385	0.368	0.42	0.3	0.002	0.047	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	8	0.03	0.076	0.31	0.03	0.009	0.097	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	8 ##	0.023	0.058	0.28	0.015	0.008	0.091	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	8	0.01	0.025	0.1	0.01	0.001	0.031	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	8 ##	0.008	0.019	0.09	0.005	0.001	0.029	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	8	2.	2.125	3.	2.	0.125	0.354	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	8	123.5	120.875	128.	110.	56.125	7.492	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	8	226.5	225.375	239.	208.	147.982	12.165	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	8 ##	5.	4.5	5.	1.	2.	1.414	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	8 ##	0.699	0.612	0.699	0.	0.061	0.247	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.089								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	8 ##	1.	2.375	7.	1.	5.411	2.326	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	8 ##	1.	1.25	2.	1.	0.214	0.463	**	**	**	**

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Annual Analysis for 1984 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	11	20.	20.5	27.	10.	24.85	4.985	11.	19.	25.	26.9
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	11	68.	68.9	80.6	50.	80.514	8.973	51.8	66.2	77.	80.42
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	8	123.	124.875	183.	60.	1383.268	37.192	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	12	1130.	1145.	1290.	1100.	3336.364	57.761	1100.	1100.	1160.	1266.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	8	1284.	1274.375	1336.	1155.	3622.268	60.185	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	10	8.8	8.83	11.8	7.2	2.36	1.536	7.2	7.425	9.825	11.61
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	11	8.5	8.245	8.9	7.6	0.243	0.493	7.6	7.7	8.6	8.84

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Annual Analysis for 1984 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	11	8.5	8.001	8.9	7.6	0.308	0.555	7.6	7.7	8.6	8.84
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	11	0.003	0.01	0.025	0.001	0.	0.01	0.002	0.003	0.02	0.025
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	8	8.3	8.288	8.4	8.1	0.013	0.113	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	8	8.3	8.274	8.4	8.1	0.013	0.113	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	8	0.005	0.005	0.008	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	8	125.5	126.	134.	122.	15.429	3.928	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	8 ##	5.	6.75	20.	4.	28.786	5.365	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	8 ##	5.	5.125	9.	2.	3.554	1.885	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	8	0.035	0.059	0.23	0.01	0.005	0.073	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	8	0.41	0.411	0.44	0.39	0.	0.016	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	8	0.03	0.034	0.06	0.015	0.	0.017	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	8 ##	0.015	0.021	0.06	0.015	0.	0.016	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	8	0.01	0.011	0.02	0.005	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	8 ##	0.005	0.007	0.02	0.005	0.	0.005	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	8	2.	2.375	3.	2.	0.268	0.518	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	8	124.	124.125	131.	118.	16.411	4.051	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	8	240.5	242.125	261.	227.	176.696	13.293	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	8 ##	2.75	8.375	50.	0.5	287.839	16.966	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	8 ##	0.199	0.324	1.699	-0.301	0.554	0.744	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.108								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	8 ##	2.	3.875	18.	1.	33.268	5.768	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	8 ##	1.	1.125	2.	1.	0.125	0.354	**	**	**	**

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Annual Analysis for 1985 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	13	23.1	22.585	27.8	11.1	27.356	5.23	12.46	19.75	27.3	27.72
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	12	75.2	72.633	82.	52.	96.606	9.829	53.83	67.325	81.325	81.91
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	6	135.	154.	222.	108.	2454.4	49.542	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	13	1183.	1193.231	1440.	1080.	7225.026	85.	1100.	1150.	1193.	1368.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	7	1326.	1336.286	1395.	1304.	1159.905	34.057	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	13	7.3	6.869	10.2	0.3	8.682	2.947	0.7	6.7	8.7	10.12
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	14	8.3	8.207	8.5	7.6	0.076	0.276	7.7	8.	8.425	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	14	8.3	8.114	8.5	7.6	0.085	0.292	7.7	8.	8.425	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	14	0.005	0.008	0.025	0.003	0.	0.006	0.003	0.004	0.01	0.02
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	7	8.3	8.286	8.4	8.1	0.011	0.107	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	7	8.3	8.274	8.4	8.1	0.012	0.108	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	7	0.005	0.005	0.008	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	7	126.	124.286	129.	115.	34.905	5.908	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	7 ##	5.	4.071	6.	2.5	2.286	1.512	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	7 ##	3.	3.5	5.	2.5	1.333	1.155	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	7	0.02	0.036	0.07	0.02	0.	0.021	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	7	0.45	0.423	0.51	0.28	0.008	0.091	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	5	0.03	0.036	0.06	0.015	0.001	0.023	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	5 ##	0.015	0.018	0.03	0.015	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	7	0.02	0.014	0.02	0.005	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	7 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	7	2.	2.429	4.	2.	0.619	0.787	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	8	127.	127.	134.	119.	32.	5.657	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	7	254.	254.571	263.	246.	30.286	5.503	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	8 ##	0.75	1.75	5.	0.5	4.071	2.018	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	8 ##	-0.151	0.024	0.699	-0.301	0.191	0.437	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.057								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	6 ##	1.	1.667	5.	1.	2.667	1.633	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

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Annual Analysis for 1986 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	17	23.8	21.453	28.	12.5	28.108	5.302	14.5	15.65	26.	27.12
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	8	105.	114.	174.	84.	1152.	33.941	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	17	1200.	1190.588	1350.	1040.	7255.882	85.181	1048.	1130.	1250.	1310.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	10	1352.	1343.4	1485.	1198.	9052.711	95.146	1201.1	1259.	1424.25	1479.6
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	17	7.5	7.818	10.	3.2	2.768	1.664	5.52	7.15	8.95	9.92
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.2	8.075	8.5	7.1	0.131	0.362	7.45	7.925	8.3	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.2	7.881	8.5	7.1	0.171	0.414	7.45	7.925	8.3	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	16	0.006	0.013	0.079	0.003	0.	0.019	0.003	0.005	0.012	0.041
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	10	8.25	8.05	8.4	7.5	0.116	0.341	7.51	7.675	8.3	8.39
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	10	8.247	7.922	8.4	7.5	0.134	0.366	7.51	7.675	8.3	8.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	10	0.006	0.012	0.032	0.004	0.	0.01	0.004	0.005	0.021	0.031
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	10	128.5	128.2	138.	121.	33.956	5.827	121.1	122.75	131.75	137.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	10 ##	2.5	6.3	29.	0.5	69.178	8.317	0.7	2.5	7.	26.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	11 ##	2.5	2.227	4.	0.5	1.218	1.104	0.5	1.	3.	3.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	11	0.02	0.032	0.11	0.01	0.001	0.032	0.01	0.01	0.05	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	9	0.36	0.372	0.52	0.33	0.003	0.058	0.33	0.335	0.375	0.52
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	10	0.02	0.024	0.06	0.005	0.	0.018	0.006	0.01	0.035	0.059
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	9 ##	0.005	0.008	0.02	0.005	0.	0.007	0.005	0.005	0.013	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	9	3.	4.111	16.	2.	20.361	4.512	2.	2.	3.5	16.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	11	136.	134.727	151.	117.	132.018	11.49	117.8	126.	144.	150.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	10	271.5	262.4	287.	236.	320.933	17.915	236.5	244.75	275.25	285.9
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	8 ##	0.5	0.563	1.	0.5	0.031	0.177	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	8 ##	-0.301	-0.263	0.	-0.301	0.011	0.106	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.545								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	8 ##	1.	2.563	7.	0.5	5.96	2.441	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	8 ##	1.	1.063	2.	0.5	0.174	0.417	**	**	**	**

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Annual Analysis for 1987 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	31	16.8	18.348	27.	13.	25.009	5.001	13.1	13.5	23.	26.9
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	10	144.	146.1	240.	94.	2263.656	47.578	94.2	105.	177.	236.4
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	31	1350.	1249.323	1480.	1000.	25739.026	160.434	1000.	1100.	1356.	1400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	3	1560.	1550.	1730.	1360.	34300.	185.203	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	31	8.4	8.706	14.5	3.8	9.26	3.043	4.3	6.8	11.	13.2
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	13	8.2	8.238	8.9	7.5	0.091	0.301	7.74	8.2	8.3	8.74
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	13	8.2	8.128	8.9	7.5	0.104	0.323	7.74	8.2	8.3	8.74
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	13	0.006	0.007	0.032	0.001	0.	0.007	0.002	0.005	0.006	0.022
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	3	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	3	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	3	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	5	130.	129.2	132.	125.	7.7	2.775	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	12 ##	2.5	2.958	6.	2.	1.475	1.215	2.15	2.5	2.5	5.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	12 ##	2.5	2.083	3.	0.5	0.765	0.875	0.5	1.375	2.5	2.85
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	13	0.03	0.042	0.13	0.01	0.001	0.038	0.01	0.01	0.06	0.118
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	5	0.21	0.34	0.57	0.19	0.035	0.188	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	12	0.025	0.023	0.04	0.01	0.	0.012	0.01	0.01	0.03	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	7 ##	0.005	0.013	0.03	0.005	0.	0.012	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	11	4.	4.	6.	3.	1.	1.	3.	3.	5.	5.8
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	12	161.5	162.833	188.	136.	296.333	17.214	137.8	147.25	178.75	187.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	11	264.	263.091	323.	241.	548.091	23.411	241.4	244.	267.	314.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	9 ##	0.5	0.611	1.	0.5	0.049	0.22	0.5	0.5	0.75	1.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	9 ##	-0.301	-0.234	0.	-0.301	0.018	0.133	-0.301	-0.301	-0.151	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.583								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**

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Annual Analysis for 1987 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**

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Annual Analysis for 1988 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	10	21.2	19.73	28.	10.9	40.64	6.375	10.91	12.575	24.8	27.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	8	139.	136.625	228.	60.	3228.268	56.818	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	10	1402.5	1415.5	1600.	1200.	12302.5	110.917	1211.	1362.5	1502.5	1591.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	4	1636.	1645.5	1760.	1550.	8334.333	91.293	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	9	8.6	8.889	11.5	7.4	1.949	1.396	7.4	7.7	10.	11.5
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.	8.	8.6	7.4	0.15	0.387	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.	7.857	8.6	7.4	0.174	0.417	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	7	0.01	0.014	0.04	0.003	0.	0.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	4	8.35	8.325	8.4	8.2	0.009	0.096	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	4	8.347	8.317	8.4	8.2	0.009	0.096	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	4	0.004	0.005	0.006	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	9	123.	129.778	149.	116.	144.194	12.008	116.	119.5	140.5	149.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	12 ##	2.5	3.958	11.	2.5	8.112	2.848	2.5	2.5	5.125	10.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	10 ##	2.5	2.65	4.	2.5	0.225	0.474	2.5	2.5	2.5	3.85
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	12	0.025	0.054	0.2	0.01	0.004	0.061	0.01	0.013	0.068	0.185
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	6	0.22	0.215	0.34	0.01	0.016	0.125	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	11	0.01	0.015	0.03	0.005	0.	0.008	0.005	0.01	0.02	0.028
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	5 ##	0.005	0.008	0.02	0.005	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	10	3.5	3.3	4.	2.	0.678	0.823	2.	2.75	4.	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	10	190.	191.5	212.	180.	84.722	9.204	180.4	184.	195.5	210.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	11	276.	279.091	301.	266.	108.491	10.416	266.4	271.	286.	298.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	8 ##	0.5	1.125	5.	0.5	2.482	1.575	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	8 ##	-0.301	-0.138	0.699	-0.301	0.126	0.354	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.727								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	3 ##	1.	1.667	3.	1.	1.333	1.155	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

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Annual Analysis for 1989 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	13	17.	18.677	26.1	13.2	19.145	4.376	13.72	15.9	23.9	25.66
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	8	78.	80.375	100.	63.	239.125	15.464	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	13	1356.	1398.154	1650.	1200.	12876.141	113.473	1240.4	1345.	1495.	1590.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	14	9.75	10.079	14.2	8.	2.208	1.486	8.3	9.425	10.8	12.9
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	13	8.1	7.838	9.2	6.6	0.604	0.777	6.6	7.05	8.3	8.88
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	13	8.1	7.24	9.2	6.6	0.992	0.996	6.6	7.05	8.3	8.88
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	13	0.008	0.058	0.251	0.001	0.009	0.093	0.002	0.005	0.094	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	10	125.	125.9	151.	112.	125.433	11.2	112.3	117.25	131.5	149.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	9 ##	2.5	4.556	11.	2.5	11.09	3.33	2.5	2.5	7.5	11.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	9 ##	2.5	3.	6.	2.	1.563	1.25	2.	2.5	3.25	6.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	9 ##	0.01	0.028	0.08	0.01	0.001	0.026	0.01	0.01	0.05	0.08
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	3	0.15	0.213	0.37	0.12	0.019	0.137	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	9	0.03	0.036	0.11	0.01	0.001	0.03	0.01	0.02	0.04	0.11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	9	3.	2.667	4.	2.	0.5	0.707	2.	2.	3.	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	9	179.	196.667	361.	166.	3819.25	61.8	166.	173.5	180.	361.

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Annual Analysis for 1989 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	9	269.	267.667	282.	240.	146.5	12.104	240.	263.5	275.5	282.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	10 ##	0.5	1.05	4.	0.5	1.303	1.141	0.5	0.5	1.25	3.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	10 ##	-0.301	-0.12	0.602	-0.301	0.105	0.324	-0.301	-0.301	0.075	0.572
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.758								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**

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Annual Analysis for 1990 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	7	24.	20.8	27.4	8.3	45.08	6.714	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	6	1172.5	1158.167	1373.	927.	34779.767	186.493	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	7	7.8	8.129	9.6	6.3	1.199	1.095	**	**	**	**
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.2	8.6	10.5	7.7	1.143	1.069	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.2	8.092	10.5	7.7	1.445	1.202	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	7	0.006	0.008	0.02	0.	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	6	123.	125.167	142.	115.	104.167	10.206	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	6 ##	3.75	9.75	43.	0.5	268.275	16.379	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	6 ##	2.25	2.417	6.	0.5	3.742	1.934	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	6	0.02	0.033	0.08	0.01	0.001	0.029	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	2	0.465	0.465	0.58	0.35	0.026	0.163	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	5	0.04	0.044	0.07	0.02	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	6	3.	2.667	3.	2.	0.267	0.516	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	6	157.5	150.167	176.	117.	684.567	26.164	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	6	268.5	263.5	294.	228.	688.3	26.235	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	6 ##	0.5	1.	3.	0.5	1.	1.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	6 ##	-0.301	-0.121	0.477	-0.301	0.1	0.317	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.757								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	1	9.	9.	9.	9.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

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Annual Analysis for 1991 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	22	16.95	17.941	26.	10.	28.119	5.303	11.18	12.975	23.45	25.47
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	23	1008.	1008.739	1094.	852.	3540.383	59.501	901.8	992.	1054.	1083.6
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	22	7.95	8.109	14.	4.6	6.558	2.561	4.73	5.075	10.05	10.92
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	23	7.9	7.883	8.5	7.	0.234	0.484	7.14	7.4	8.4	8.4
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	23	7.9	7.616	8.5	7.	0.309	0.556	7.14	7.4	8.4	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	23	0.013	0.024	0.1	0.003	0.001	0.029	0.004	0.004	0.04	0.073
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	11	130.	126.727	147.	111.	120.818	10.992	111.2	117.	132.	145.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	10 ##	2.5	4.2	8.	2.5	5.567	2.359	2.5	2.5	6.5	8.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	10 ##	2.5	2.25	3.	0.5	0.458	0.677	0.65	2.	2.5	2.95
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	10	0.035	0.043	0.09	0.01	0.001	0.034	0.01	0.01	0.08	0.089
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	2	0.62	0.62	0.64	0.6	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	10	0.02	0.066	0.49	0.01	0.022	0.149	0.01	0.01	0.03	0.444
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	10	3.	3.1	4.	2.	0.544	0.738	2.	2.75	4.	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	10	113.5	116.5	155.	90.	278.5	16.688	91.7	109.25	124.25	152.

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Annual Analysis for 1991 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	11	240.	240.545	272.	215.	264.073	16.25	217.4	230.	252.	269.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	10 ##	0.5	90.6	700.	0.5	49769.211	223.09	0.5	0.5	51.5	650.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	10 ##	-0.301	0.364	2.845	-0.301	1.411	1.188	-0.301	-0.301	0.801	2.791
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.313								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**

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Annual Analysis for 1992 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	38	21.85	19.813	28.	11.1	30.547	5.527	12.96	13.65	23.8	27.8
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	38	993.	981.237	1102.	860.	3043.105	55.164	908.7	938.75	1020.	1033.3
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	38	7.2	7.361	11.1	0.1	6.033	2.456	3.89	6.775	9.5	9.71
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	38	8.3	8.082	8.8	3.4	0.74	0.861	7.46	8.2	8.3	8.52
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	38	8.3	4.979	8.8	3.4	10.624	3.26	7.46	8.2	8.3	8.52
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	38	0.005	10.487	398.107	0.002	4170.543	64.58	0.003	0.005	0.006	0.036
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	8	124.5	123.75	130.	117.	33.357	5.776	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	8 ##	2.5	5.438	30.	0.5	99.103	9.955	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	8 ##	2.5	2.875	10.	0.5	9.054	3.009	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	8	0.03	0.029	0.05	0.01	0.	0.015	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	2	0.285	0.285	0.34	0.23	0.006	0.078	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	8	0.02	0.022	0.04	0.005	0.	0.011	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	8	3.	3.188	6.	0.5	2.281	1.51	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	8	108.5	107.5	115.	98.	28.571	5.345	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	8	212.5	210.125	224.	189.	129.268	11.37	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	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	09/11/74-07/08/93	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								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	3	1.3	5.3	14.1	0.5	58.24	7.632	**	**	**	**

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Annual Analysis for 1993 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	3	26.1	26.1	26.1	26.1	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	4	1070.	1071.75	1080.	1067.	32.25	5.679	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	4	8.25	8.125	9.	7.	0.703	0.838	**	**	**	**
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	2	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	2	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	2	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	1	112.	112.	112.	112.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	1	137.	137.	137.	137.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	1	223.	223.	223.	223.	0.	0.	**	**	**	**

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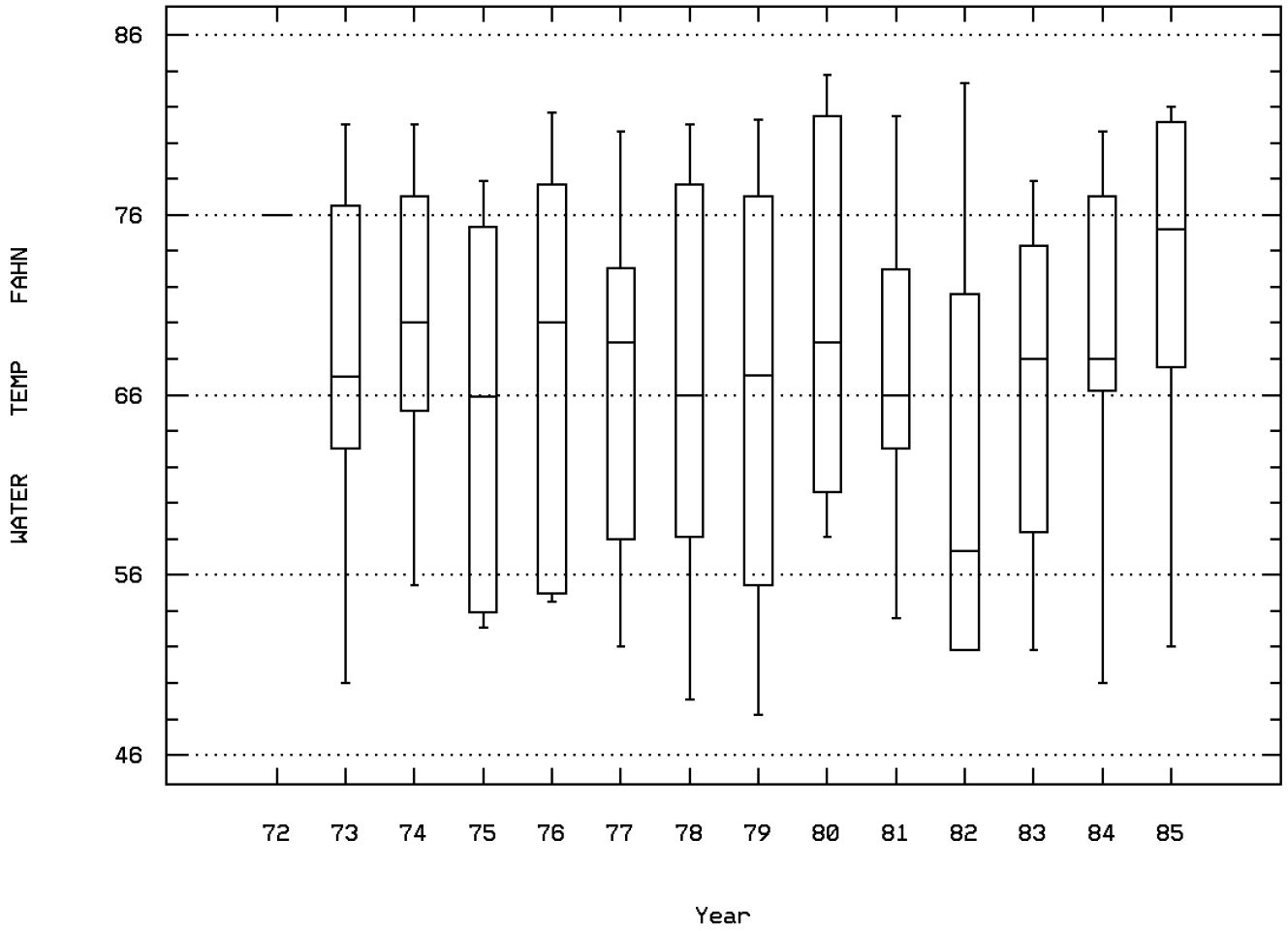
Annual Analysis for 1993 - Station AMIS0046

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	09/11/74-07/08/93	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	1	1.66	1.66	1.66	1.66	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

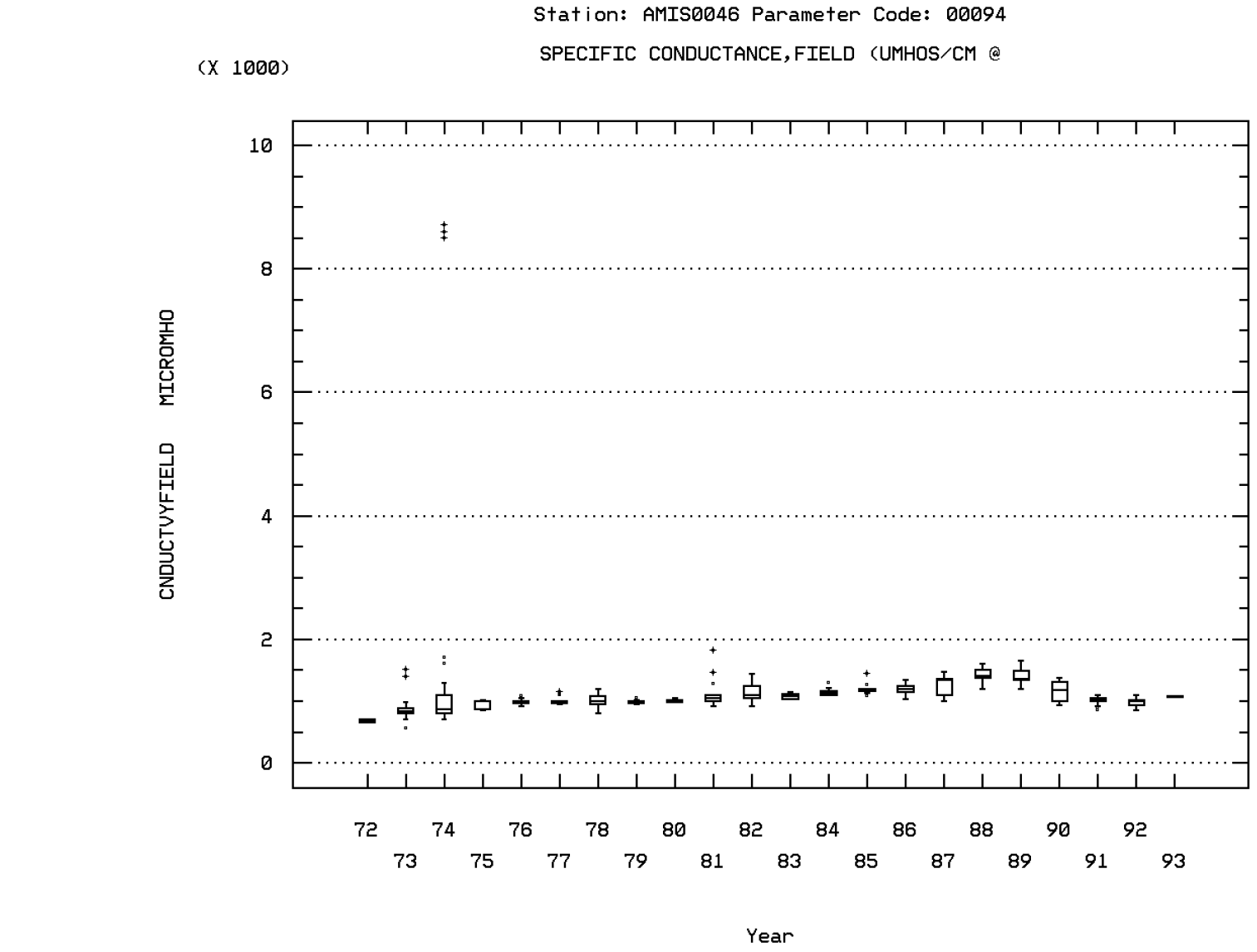
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Station: AMIS0046 Parameter Code: 00011

TEMPERATURE, WATER (DEGREES FAHRENHEIT)



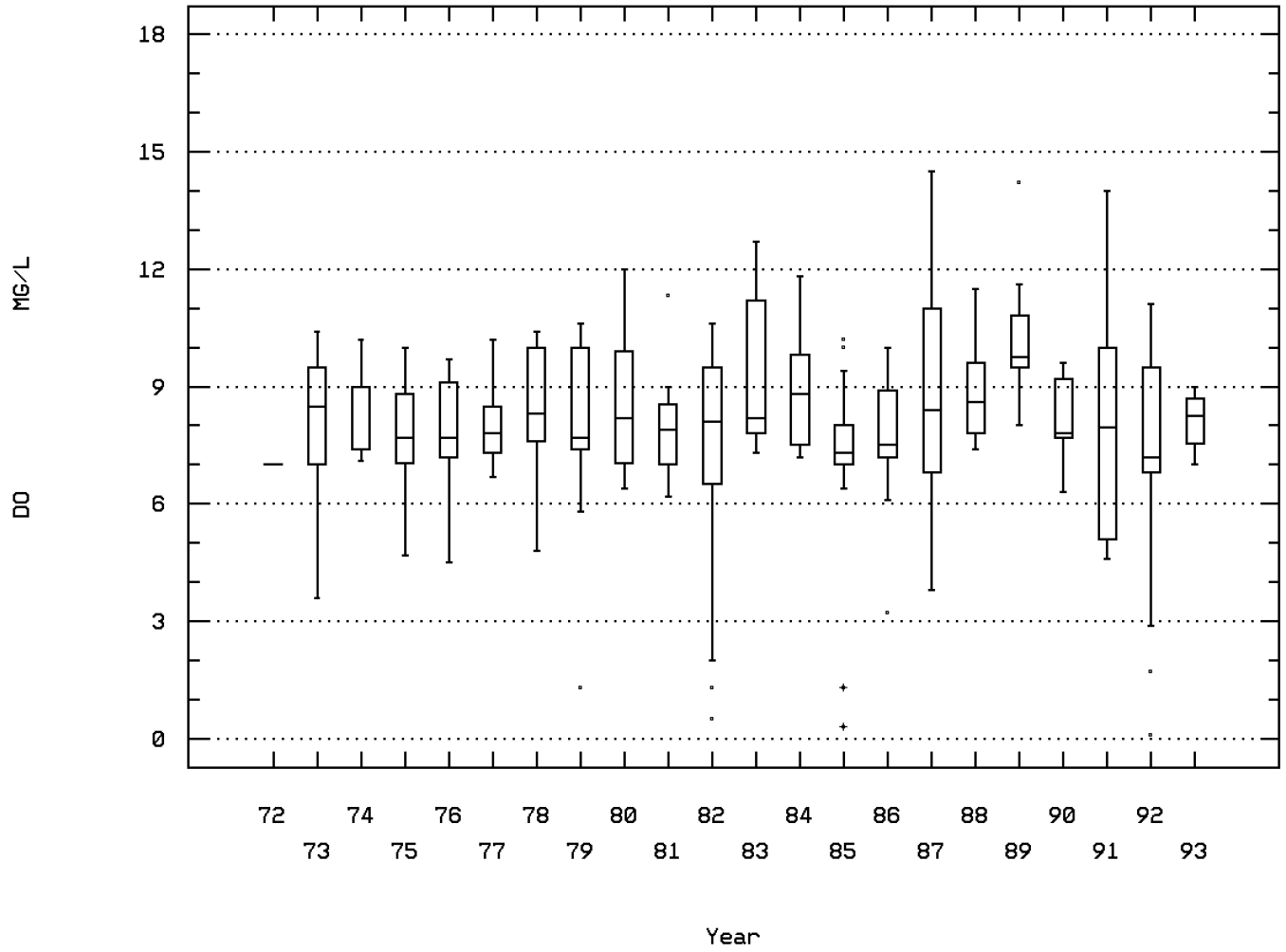
AMISTAD RESERVOIR AT INTERNATIONAL BOUN



AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Station: AMIS0046 Parameter Code: 00300

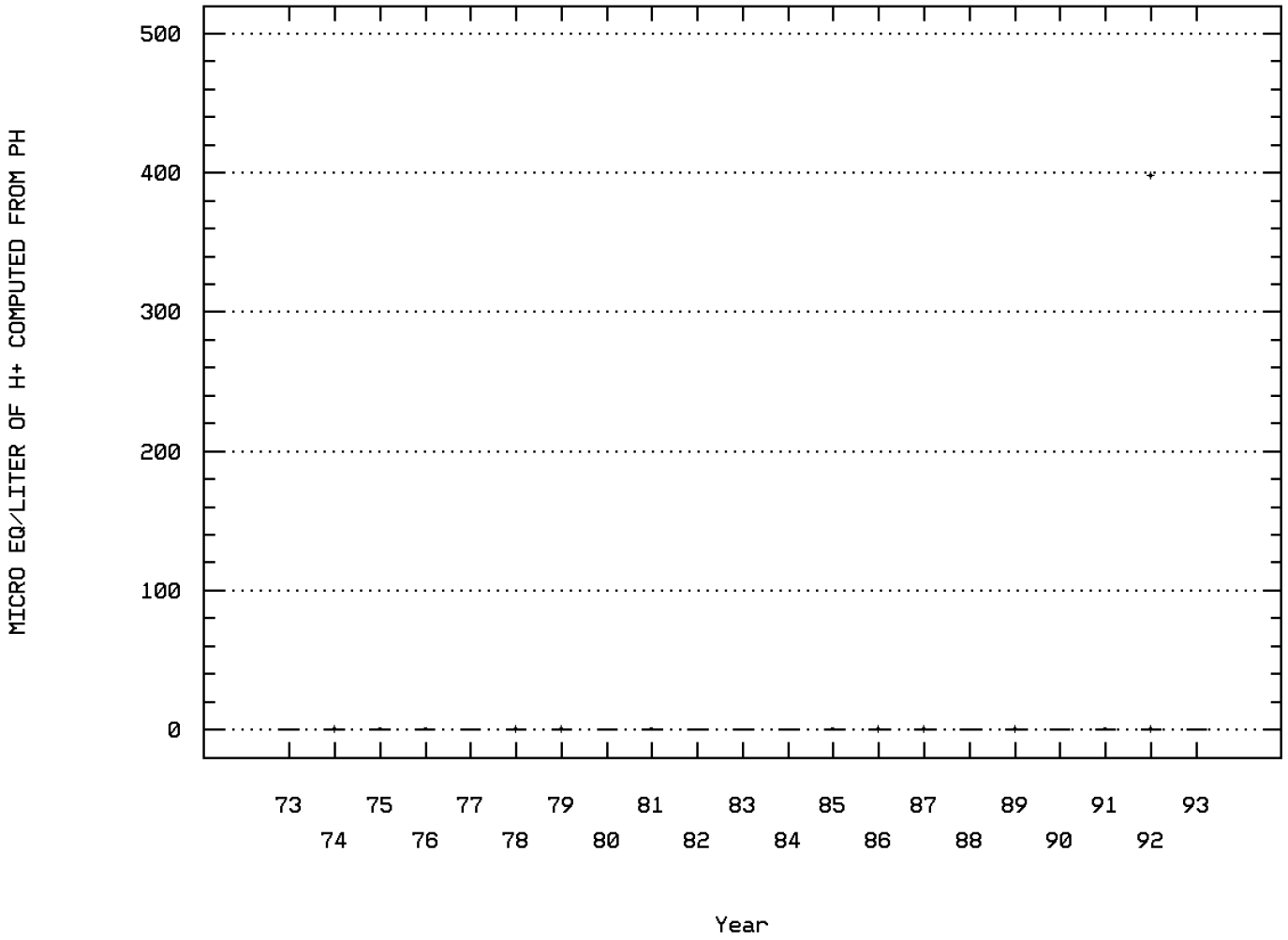
OXYGEN, DISSOLVED



AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Station: AMIS0046 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH



AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	157	25.	24.253	28.8	11.	12.665	3.559	19.78	23.1	26.85	27.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	96	77.	75.242	83.8	51.8	53.451	7.311	62.6	73.4	80.55	81.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-08/21/79	15	5.	4.4	10.	0.	7.4	2.72	0.	2.	5.	8.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	46	124.	136.196	246.	60.	1776.828	42.152	91.	102.	168.	198.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	161	1030.	1274.087	8700.	650.	1416381.205	1190.118	862.	956.5	1250.	1400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	46	1162.	1179.391	1600.	796.	24638.91	156.968	957.	1111.25	1303.	1369.8
00300	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	150	7.2	6.624	9.8	0.1	4.02	2.005	3.6	6.4	7.7	8.58
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-11/18/92	49	1.5	1.679	4.	0.25	0.82	0.906	0.5	1.	2.	3.
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	110	8.2	8.115	9.7	3.4	0.441	0.664	7.5	8.	8.4	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	110	8.2	5.439	9.7	3.4	7.663	2.768	7.5	8.	8.4	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	110	0.006	3.635	398.107	0.	1440.696	37.957	0.003	0.004	0.01	0.032
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	47	8.3	8.285	8.5	7.5	0.038	0.194	8.1	8.2	8.4	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	47	8.3	8.225	8.5	7.5	0.041	0.204	8.1	8.2	8.4	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	47	0.005	0.006	0.032	0.003	0.	0.005	0.003	0.004	0.006	0.008
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	59	118.	120.339	151.	103.	83.193	9.121	111.	115.	123.	132.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	68 ##	5.	4.537	20.	0.5	7.017	2.649	2.5	2.5	5.	6.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	66 ##	5.	3.818	10.	0.	4.928	2.22	0.85	2.5	5.	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	67	0.04	0.045	0.23	0.005	0.002	0.042	0.01	0.01	0.06	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	53	0.38	0.359	0.61	0.01	0.019	0.138	0.14	0.315	0.45	0.526
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	40	0.03	0.069	0.92	0.01	0.021	0.145	0.015	0.03	0.06	0.09
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	38 ##	0.015	0.023	0.06	0.005	0.	0.014	0.015	0.015	0.03	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	68	0.015	0.031	0.49	0.	0.005	0.069	0.005	0.01	0.02	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	51 ##	0.005	0.009	0.03	0.	0.	0.007	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	62	3.	2.806	7.	0.5	1.429	1.195	2.	2.	3.	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	69	122.	131.768	361.	66.	1668.122	40.843	100.	109.5	145.	181.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	68	235.	238.309	323.	132.	1134.575	33.683	203.	219.25	263.75	282.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	64 ##	3.5	5.867	200.	0.	612.454	24.748	0.5	0.5	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	64 ##	0.54	0.272	2.301	-0.301	0.284	0.533	-0.301	-0.301	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.872								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	49 ##	1.	2.391	18.	0.5	8.57	2.928	1.	1.	2.5	5.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	43 ##	1.	1.112	5.	0.	0.483	0.695	0.7	1.	1.	1.72
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	51	688.	717.98	1164.	570.	9906.5	99.531	625.2	650.	782.	833.6
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/75-12/09/87	4	194.5	191.75	198.	180.	68.25	8.261	**	**	**	**

** - Less than 9 observations ## - Computed 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 6/09 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	207	15.9	16.001	25.5	8.3	15.049	3.879	11.	13.	19.	21.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-11/26/85	123	62.6	60.69	73.6	48.2	48.773	6.984	51.26	53.6	67.	68.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-08/21/79	19	5.	7.263	65.	0.	214.538	14.647	0.	1.	5.	20.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-01/25/90	58	156.	155.603	240.	60.	2930.91	54.138	71.5	112.5	210.	222.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	216	1008.	1059.458	1700.	550.	30087.766	173.458	860.	972.5	1100.	1353.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-07/27/88	67	1155.	1178.687	1760.	775.	38520.461	196.266	929.	1099.	1269.	1402.2
00300	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	199	9.5	9.222	14.5	4.6	2.694	1.641	7.2	8.1	10.	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-11/18/92	64	1.25	1.594	15.	0.25	3.543	1.882	0.5	0.625	2.	2.5
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	165	8.2	8.192	10.5	7.	0.154	0.392	7.86	8.	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	165	8.2	8.016	10.5	7.	0.185	0.43	7.86	8.	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	165	0.006	0.01	0.1	0.	0.	0.013	0.003	0.004	0.01	0.014
00403	PH, LAB, STANDARD UNITS SU	10/04/72-07/27/88	66	8.2	8.185	8.5	7.3	0.044	0.209	7.97	8.1	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-07/27/88	66	8.2	8.118	8.5	7.3	0.048	0.22	7.97	8.1	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-07/27/88	66	0.006	0.008	0.05	0.003	0.	0.006	0.004	0.005	0.008	0.011
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-07/08/93	81	126.	127.062	178.	112.	76.634	8.754	118.	122.	130.	137.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	96 ##	5.	5.859	43.	0.5	42.835	6.545	2.5	2.5	5.	10.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	93 ##	4.	3.925	25.	0.5	7.766	2.787	1.	2.5	5.	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	97	0.03	0.034	0.15	0.005	0.001	0.028	0.01	0.01	0.05	0.07

** - Less than 9 observations ## - Computed 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 6/09 - Station AMIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	73	0.44	0.428	0.64	0.12	0.015	0.123	0.234	0.34	0.52	0.576
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-06/26/85	52	0.03	0.048	0.31	0.015	0.003	0.051	0.015	0.015	0.06	0.087
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-06/26/85	50 ##	0.015	0.026	0.28	0.015	0.002	0.042	0.015	0.015	0.015	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	94	0.01	0.018	0.1	0.005	0.	0.015	0.005	0.01	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	70 ##	0.005	0.009	0.09	0.	0.	0.012	0.005	0.005	0.01	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	86	3.	3.209	30.	1.	11.462	3.385	2.	2.	3.	4.3
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	95	119.	124.579	212.	66.	896.268	29.938	96.2	104.	136.	179.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	95	226.	226.758	301.	140.	1085.122	32.941	186.2	210.	248.	271.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	83 ##	5.	11.777	700.	0.5	5878.191	76.669	0.5	0.5	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/08/93	83 ##	0.699	0.286	2.845	-0.301	0.326	0.571	-0.301	-0.301	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.934								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	68 ##	1.	1.699	7.	0.5	1.494	1.222	1.	1.	2.	3.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/10/76-07/08/93	61 ##	1.	1.362	14.1	0.	3.018	1.737	0.5	1.	1.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/18/92	70	662.	690.329	900.	520.	8229.934	90.719	590.	633.5	746.5	848.4
72025	DEPTH OF POND OR RESERVOIR IN FEET	06/10/75-12/09/87	9	198.	195.	215.	180.	119.25	10.92	180.	184.5	200.	215.

** - Less than 9 observations ## - Computed 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: AMIS0047

NPS Station ID: AMIS0047
Location: AMISTAD RES AT BUOY #1
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 13040212
Major Basin:
Minor Basin:
RF1 Index: 13040212010
RF3 Index: 13040302001116.18
Description:

LAT/LON: 29.458338/-101.057227
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.600
RF3 Mile Point: 16.18

Agency: 112WRD
FIPS State/County: 48465 TEXAS/VAL VERDE
STORET Station ID(s): 292730101032600
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 2.80
Distance from RF3: 0.00

Date Created: 01/21/84
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: AMIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/83-02/25/93	24	18.	18.104	28.	9.	34.065	5.837	10.5	12.25	24.	25.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/23/84-01/23/86	2	976.	976.	1500.	452.	549152.	741.048	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/83-02/25/93	24	1160.	1184.708	1440.	926.	20478.824	143.104	978.5	1105.	1330.	1375.
00400	PH (STANDARD UNITS)	04/20/83-02/25/93	24	8.	7.992	8.3	7.7	0.029	0.169	7.75	7.9	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	04/20/83-02/25/93	24	8.	7.96	8.3	7.7	0.03	0.172	7.75	7.9	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/83-02/25/93	24	0.01	0.011	0.02	0.005	0.	0.004	0.006	0.008	0.013	0.018
00403	PH, LAB, STANDARD UNITS SU	04/20/83-10/26/92	22	8.1	8.073	8.3	7.7	0.025	0.158	7.76	8.	8.2	8.27
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/83-10/26/92	22	8.1	8.042	8.3	7.7	0.026	0.161	7.76	8.	8.2	8.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/83-10/26/92	22	0.008	0.009	0.02	0.005	0.	0.004	0.005	0.006	0.01	0.018
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/83-02/25/93	22	125.	120.955	190.	0.	1150.236	33.915	80.2	120.	132.75	140.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/84-10/26/92	18	77.	77.556	89.	69.	24.732	4.973	69.9	74.25	81.	84.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/83-10/26/92	23	20.	20.	25.	14.	9.	3.	15.4	18.	22.	24.
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/83-10/26/92	23	140.	140.435	180.	100.	477.075	21.842	110.	120.	160.	170.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/84-10/26/92	16	5.8	5.8	6.8	4.7	0.38	0.616	4.91	5.3	6.35	6.73
00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/84-10/26/92	16	145.	151.75	200.	98.	1043.667	32.306	106.4	122.5	180.	193.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/83-10/26/92	23	260.	250.87	300.	200.	899.209	29.987	204.	220.	280.	280.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/91-10/26/92	5	0.9	0.9	1.	0.8	0.01	0.1	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/84-10/26/92	16	16.	15.563	18.	12.	2.529	1.59	13.4	14.25	16.75	18.
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	03/02/90-02/25/93	8	123.	118.25	134.	64.	518.214	22.764	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/20/83-07/23/87	7	726.	727.	794.	645.	2008.667	44.818	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	24	0	0.00	12	0	0.00	12	0	0.00						
		Other-Lo Lim.	6.5	24	0	0.00	12	0	0.00	12	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	22	0	0.00	12	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	22	0	0.00	12	0	0.00	10	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	16	0	0.00	10	0	0.00	6	0	0.00						
		Drinking Water	250.	16	0	0.00	10	0	0.00	6	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	23	14	0.61	12	7	0.58	11	7	0.64						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	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

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/83-02/25/93	12	24.	22.208	28.	12.	21.248	4.61	13.2	18.75	25.	27.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/83-02/25/93	12	1205.	1220.	1440.	1000.	18818.182	137.179	1012.	1122.5	1352.5	1419.
00400	PH (STANDARD UNITS)	04/20/83-02/25/93	12	7.95	7.95	8.3	7.7	0.028	0.168	7.73	7.8	8.075	8.24
00400	CONVERTED PH (STANDARD UNITS)	04/20/83-02/25/93	12	7.947	7.922	8.3	7.7	0.029	0.17	7.73	7.8	8.075	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/83-02/25/93	12	0.011	0.012	0.02	0.005	0.	0.004	0.006	0.008	0.016	0.019
00403	PH, LAB, STANDARD UNITS SU	04/20/83-10/26/92	12	8.1	8.067	8.3	7.7	0.037	0.192	7.7	8.025	8.175	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/83-10/26/92	12	8.1	8.023	8.3	7.7	0.039	0.198	7.7	8.025	8.175	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/83-10/26/92	12	0.008	0.009	0.02	0.005	0.	0.005	0.005	0.007	0.009	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/83-02/25/93	11	125.	125.727	141.	118.	53.018	7.281	118.4	120.	132.	139.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/84-10/26/92	11	77.	77.	84.	69.	24.8	4.98	69.2	72.	81.	83.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/83-10/26/92	12	21.	20.833	25.	16.	6.333	2.517	16.6	19.25	22.75	24.7
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/83-10/26/92	12	145.	145.833	180.	110.	444.697	21.088	113.	130.	160.	177.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/84-10/26/92	10	5.85	5.81	6.7	5.	0.294	0.543	5.03	5.3	6.25	6.67
00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/84-10/26/92	10	145.	153.	200.	110.	912.222	30.203	111.	127.5	180.	198.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/83-10/26/92	12	260.	252.5	300.	210.	893.182	29.886	210.	222.5	277.5	294.
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/84-10/26/92	10	15.5	15.4	18.	12.	3.822	1.955	12.2	14.	17.25	18.

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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/83-02/25/93	12	13.5	14.	20.5	9.	13.227	3.637	9.	12.	17.5	19.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/83-02/25/93	12	1140.	1149.417	1380.	926.	21283.72	145.889	935.3	1040.	1292.5	1371.
00400	PH (STANDARD UNITS)	04/20/83-02/25/93	12	8.1	8.033	8.2	7.7	0.028	0.167	7.76	7.9	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	04/20/83-02/25/93	12	8.1	8.002	8.2	7.7	0.029	0.17	7.76	7.9	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/83-02/25/93	12	0.008	0.01	0.02	0.006	0.	0.004	0.006	0.006	0.013	0.018
00403	PH, LAB, STANDARD UNITS SU	04/20/83-10/26/92	10	8.1	8.08	8.2	7.9	0.013	0.114	7.9	7.975	8.2	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/83-10/26/92	10	8.1	8.066	8.2	7.9	0.013	0.114	7.9	7.975	8.2	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/83-10/26/92	10	0.008	0.009	0.013	0.006	0.	0.002	0.006	0.006	0.011	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/83-02/25/93	11	125.	116.182	190.	0.	2312.364	48.087	12.8	120.	135.	179.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/84-10/26/92	7	77.	78.429	89.	72.	27.286	5.224	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/83-10/26/92	11	20.	19.091	24.	14.	11.091	3.33	14.2	16.	22.	23.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/83-10/26/92	11	130.	134.545	170.	100.	487.273	22.074	102.	120.	160.	168.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/84-10/26/92	6	5.7	5.783	6.8	4.7	0.61	0.781	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/84-10/26/92	6	155.	149.667	190.	98.	1480.667	38.479	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/83-10/26/92	11	260.	249.091	280.	200.	989.091	31.45	200.	220.	280.	280.
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/84-10/26/92	6	16.	15.833	17.	15.	0.567	0.753	**	**	**	**

** - Less than 9 observations ## - Computed 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: AMIS0048

NPS Station ID: AMIS0048 LAT/LON: 29.441670/-101.058337 Agency: 21TEXWR Date Created: 10/06/79
Location: AMISTAD RESERVOIR BOUND BOUY 1 ADJ TO DAM FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 23050200
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13080001 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13080001016 RF1 Mile Point: 13.250 Distance from RF1: 2.80 On/Off RF1: ON
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/13/78	179	20.	19.59	27.6	9.5	26.555	5.153	11.7	17.	24.6	26.1
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-07/13/78	164	68.	67.971	81.7	49.1	79.924	8.94	53.3	63.	77.	79.7
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	06/10/75-06/10/75	1	192.	192.	192.	192.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-05/02/78	30	5.	8.333	65.	1.	128.092	11.318	2.1	5.	10.	10.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-07/13/78	11	216.	225.545	360.	89.	6033.473	77.675	104.8	168.	300.	351.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/13/78	188	950.	1183.59	8700.	550.	1841439.58	1356.997	775.	840.	1000.	1101.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-05/02/78	26	981.	1004.962	1276.	775.	19289.478	138.887	826.8	896.25	1132.5	1192.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-07/13/78	137	8.	8.201	10.4	3.7	1.896	1.377	6.7	7.25	9.4	10.
00300	OXYGEN, DISSOLVED MG/L	10/04/72-05/02/78	25	9.	8.164	10.4	3.6	4.557	2.135	3.6	7.	10.	10.28
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-05/02/78	7	0.5	0.964	2.5	0.25	0.634	0.796	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-07/13/78	121	8.1	8.119	8.9	7.5	0.046	0.213	7.9	7.9	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/13/78	121	8.1	8.068	8.9	7.5	0.048	0.22	7.9	7.9	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/13/78	121	0.008	0.009	0.032	0.001	0.	0.004	0.004	0.005	0.013	0.013
00403	PH, LAB, STANDARD UNITS SU	10/04/72-05/02/78	26	8.2	8.215	8.5	7.8	0.033	0.183	7.9	8.1	8.4	8.43
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-05/02/78	26	8.2	8.176	8.5	7.8	0.035	0.187	7.9	8.1	8.4	8.43
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-05/02/78	26	0.006	0.007	0.016	0.003	0.	0.003	0.004	0.004	0.008	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/76-05/02/78	10	120.	125.6	179.	113.	380.711	19.512	113.1	114.	127.5	174.
00500	RESIDUE, TOTAL (MG/L)	02/12/75-02/12/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-05/02/78	25	10.	9.28	35.	2.	36.96	6.079	4.6	5.	10.	11.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-05/02/78	22	10.	8.045	25.	1.	23.569	4.855	3.	5.	10.	10.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-05/02/78	24	0.1	0.07	0.1	0.005	0.001	0.039	0.008	0.043	0.1	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-05/02/78	26	0.375	0.343	0.61	0.03	0.028	0.166	0.1	0.198	0.468	0.563
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-05/02/78	23	0.03	0.048	0.18	0.03	0.001	0.033	0.03	0.03	0.06	0.08
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-05/02/78	19	0.03	0.028	0.03	0.015	0.	0.006	0.015	0.03	0.03	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-05/02/78	25	0.01	0.014	0.06	0.005	0.	0.011	0.01	0.01	0.015	0.026
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-05/02/78	21	0.01	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-05/02/78	15	3.	5.4	30.	1.	49.543	7.039	1.	2.	5.	16.2
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-05/02/78	26	115.	105.654	138.	66.	552.155	23.498	68.1	81.75	125.25	131.5
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-05/02/78	26	186.5	182.731	224.	132.	649.085	25.477	145.6	162.	203.25	214.3
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/13/78	18	2.	1.889	2.	1.	0.105	0.323	1.	2.	2.	2.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/74-07/13/78	18	0.301	0.268	0.301	0.	0.009	0.097	0.	0.301	0.301	0.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.852								
32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	11/10/76-05/02/78	10 ##	0.002	0.002	0.003	0.001	0.	0.001	0.001	0.001	0.002	0.003
32230	CHLOROPHYLL A (MG/L)	01/17/73-05/02/78	24	0.004	0.003	0.004	0.001	0.	0.001	0.002	0.002	0.004	0.004
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-07/13/78	173	475.	602.335	4350.	275.	498907.899	706.334	386.2	425.	500.	565.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-05/02/78	7	640.	633.714	680.	565.	1331.571	36.491	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-05/02/78	6	198.	198.167	200.	195.	3.367	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 time series plot

EPA Water Quality Criteria Analysis for Station: AMIS0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	30	1	0.03	13	0	0.00	17	1	0.06						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	137	2	0.01	48	2	0.04	89	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	25	3	0.12	13	3	0.23	12	0	0.00						
00400	PH	Other-Hi Lim.	9.	121	0	0.00	35	0	0.00	86	0	0.00						
		Other-Lo Lim.	6.5	121	0	0.00	35	0	0.00	86	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	26	0	0.00	8	0	0.00	18	0	0.00						
		Other-Lo Lim.	6.5	26	0	0.00	8	0	0.00	18	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	26	0	0.00	8	0	0.00	18	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	26	0	0.00	8	0	0.00	18	0	0.00						
		Drinking Water	250.	26	0	0.00	8	0	0.00	18	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	26	0	0.00	8	0	0.00	18	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	18	0	0.00	6	0	0.00	12	0	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 1972 - Station AMIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/13/78	1	24.4	24.4	24.4	24.4	0.	0.	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-07/13/78	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/13/78	3	650.	666.667	700.	650.	833.333	28.868	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-07/13/78	3	325.	333.333	350.	325.	208.333	14.434	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/13/78	35	19.4	19.954	27.2	10.	22.75	4.77	13.66	17.2	25.	26.1
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-07/13/78	35	67.	67.943	81.	50.	73.585	8.578	56.6	63.	77.	79.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/13/78	35	840.	902.	1500.	550.	51294.412	226.483	730.	800.	890.	1440.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-07/13/78	13	8.5	7.585	9.2	5.5	2.026	1.424	5.58	6.15	8.85	9.12
00400	PH (STANDARD UNITS)	01/17/73-07/13/78	7	8.3	8.329	8.9	7.9	0.099	0.315	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/13/78	7	8.3	8.243	8.9	7.9	0.108	0.328	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/13/78	7	0.005	0.006	0.013	0.001	0.	0.004	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-07/13/78	35	420.	451.086	750.	275.	12815.375	113.205	365.	400.	445.	720.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/13/78	52	21.1	21.092	27.2	13.	16.611	4.076	15.5	18.3	25.	25.95
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-07/13/78	52	70.	69.967	81.	55.4	53.9	7.342	59.9	64.9	77.	78.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/13/78	53	880.	1784.717	8700.	710.	6060067.707	2461.72	750.	800.	1050.	8500.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-07/13/78	31	9.	8.468	10.2	7.1	0.96	0.98	7.2	7.3	9.	9.9
00400	PH (STANDARD UNITS)	01/17/73-07/13/78	17	7.9	7.929	8.3	7.5	0.027	0.165	7.82	7.9	7.9	8.22
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/13/78	17	7.9	7.899	8.3	7.5	0.028	0.168	7.82	7.9	7.9	8.22
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/13/78	17	0.013	0.013	0.032	0.005	0.	0.005	0.006	0.013	0.013	0.016
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-07/13/78	53	440.	892.358	4350.	355.	1515016.927	1230.86	375.	400.	525.	4250.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/13/78	22	18.8	18.341	25.5	11.7	26.506	5.148	11.7	11.775	23.7	25.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-07/13/78	22	65.8	65.023	77.9	53.1	85.682	9.256	53.1	53.175	74.675	77.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/13/78	22	1000.	955.455	1010.	850.	4161.688	64.511	860.	870.	1000.	1000.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-07/13/78	22	7.7	7.986	10.	4.7	2.23	1.493	6.09	7.075	9.8	9.97
00400	PH (STANDARD UNITS)	01/17/73-07/13/78	22	8.15	8.132	8.3	7.8	0.012	0.109	7.96	8.1	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/13/78	22	8.147	8.117	8.3	7.8	0.012	0.11	7.96	8.1	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/13/78	22	0.007	0.008	0.016	0.005	0.	0.002	0.006	0.006	0.008	0.011
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-07/13/78	22	500.	477.773	505.	425.	1036.374	32.193	430.	435.	500.	500.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/13/78	22	21.1	19.882	27.6	12.5	32.059	5.662	12.5	12.8	25.675	26.81
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-07/13/78	22	70.	67.786	81.7	54.5	104.12	10.204	54.5	55.	78.2	80.25
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/13/78	28	997.5	984.821	1080.	905.	2156.448	46.438	910.	960.	1000.	1053.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-07/13/78	28	7.7	7.939	9.7	3.7	2.052	1.433	6.93	7.2	9.15	9.5
00400	PH (STANDARD UNITS)	01/17/73-07/13/78	28	8.1	8.096	8.3	7.6	0.03	0.173	7.88	8.	8.275	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/13/78	28	8.1	8.058	8.3	7.6	0.031	0.177	7.88	8.	8.275	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/13/78	28	0.008	0.009	0.025	0.005	0.	0.004	0.005	0.005	0.01	0.013
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-07/13/78	28	499.	492.464	540.	453.	537.295	23.18	455.	480.	500.	526.5

** - 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 1977 - Station AMIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/13/78	29	20.5	19.283	27.	11.1	29.081	5.393	11.6	14.	22.75	27.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-07/13/78	21	66.2	66.171	80.6	52.	127.643	11.298	52.74	53.1	79.7	80.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/13/78	29	1000.	1002.931	1150.	950.	3213.424	56.687	950.	960.	1000.	1100.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-07/13/78	29	7.7	8.017	10.2	3.9	1.962	1.401	6.7	7.2	9.1	10.1
00400	PH (STANDARD UNITS)	01/17/73-07/13/78	29	8.1	8.169	8.4	7.7	0.054	0.232	7.9	7.9	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/13/78	29	8.1	8.108	8.4	7.7	0.057	0.24	7.9	7.9	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/13/78	29	0.008	0.008	0.02	0.004	0.	0.004	0.004	0.004	0.013	0.013
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-07/13/78	21	483.	499.429	575.	475.	975.357	31.231	475.	475.	512.5	550.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/13/78	18	17.25	15.939	27.1	9.5	37.527	6.126	9.5	9.5	20.225	26.11
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-07/13/78	11	68.	67.591	80.8	49.1	70.483	8.395	51.44	65.3	69.8	80.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/13/78	18	970.	926.389	1075.	810.	7487.663	86.531	810.	837.5	980.	1034.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-07/13/78	14	10.	9.429	10.4	6.7	1.182	1.087	7.15	8.9	10.	10.3
00400	PH (STANDARD UNITS)	01/17/73-07/13/78	18	8.3	8.156	8.5	7.9	0.05	0.223	7.9	7.9	8.3	8.41
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/13/78	18	8.3	8.102	8.5	7.9	0.053	0.23	7.9	7.9	8.3	8.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/13/78	18	0.005	0.008	0.013	0.003	0.	0.004	0.004	0.005	0.013	0.013
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-07/13/78	11	490.	484.818	538.	405.	993.364	31.518	418.	485.	490.	531.4

** - 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: AMIS0049

NPS Station ID: AMIS0049 LAT/LON: 29.462504/-101.112504 Agency: 21TEXWR Date Created: 10/06/79
Location: AMISTAD RESERVOIR BOUY V 5MI SW OF DAM FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 23050400
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13040212 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040212009 RF1 Mile Point: 3.310 Distance from RF1: 2.80 On/Off RF1: ON
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	159	20.	19.531	31.1	9.5	26.613	5.159	11.8	16.1	24.4	26.6
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	146	68.	67.807	88.	51.	80.024	8.946	53.68	63.	76.15	80.13
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	08/18/76-08/18/76	1	1124.	1124.	1124.	1124.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-05/02/78	27	5.	6.667	20.	1.	21.923	4.682	2.	5.	10.	12.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-05/02/78	6	198.	217.	324.	168.	3404.4	58.347	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	166	960.	1212.982	9100.	700.	2071212.115	1439.171	800.	847.5	1000.	1050.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-08/17/77	17	978.	996.235	1218.	835.	13964.816	118.173	855.	890.	1112.	1178.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-05/02/78	127	7.9	8.146	10.6	3.3	1.843	1.358	6.7	7.3	9.3	10.
00300	OXYGEN, DISSOLVED MG/L	10/04/72-02/12/75	19	7.5	7.784	11.	3.6	5.663	2.38	3.6	7.	10.2	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-07/11/73	4	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	114	8.1	8.115	8.5	7.3	0.041	0.203	7.9	8.	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	114	8.1	8.062	8.5	7.3	0.044	0.21	7.9	8.	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	114	0.008	0.009	0.05	0.003	0.	0.005	0.004	0.005	0.01	0.013
00403	PH, LAB, STANDARD UNITS SU	10/04/72-08/17/77	17	8.2	8.147	8.5	7.3	0.114	0.337	7.3	8.1	8.3	8.42
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-08/17/77	17	8.2	7.962	8.5	7.3	0.15	0.388	7.3	8.1	8.3	8.42
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-08/17/77	17	0.006	0.011	0.05	0.003	0.	0.015	0.004	0.005	0.008	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-08/17/77	1	116.	116.	116.	116.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	02/12/75-02/12/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-08/17/77	16	10.	9.688	10.	5.	1.563	1.25	8.5	10.	10.	10.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-08/17/77	13	10.	9.462	10.	3.	3.769	1.941	5.8	10.	10.	10.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-08/17/77	16	0.1	0.095	0.1	0.02	0.	0.02	0.076	0.1	0.1	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-08/17/77	17	0.31	0.357	0.97	0.1	0.055	0.234	0.124	0.175	0.53	0.698
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-08/17/77	17	0.03	0.035	0.06	0.03	0.	0.009	0.03	0.03	0.04	0.052
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-08/17/77	13	0.03	0.03	0.03	0.03	0.	0.	0.03	0.03	0.03	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-08/17/77	17	0.01	0.011	0.016	0.01	0.	0.002	0.01	0.01	0.012	0.016
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-08/17/77	13	0.01	0.01	0.01	0.005	0.	0.001	0.007	0.01	0.01	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-08/18/76	10	5.	5.	8.	1.	5.556	2.357	1.1	3.5	7.25	8.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-08/17/77	17	90.	98.059	135.	68.	549.809	23.448	68.8	81.	123.	134.2
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-08/17/77	18	191.	178.5	215.	52.	1385.441	37.222	144.7	162.5	200.5	210.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-05/02/78	13	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-05/02/78	13	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 =			2.								
32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	08/17/77-08/17/77	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	01/17/73-08/17/77	14	0.004	0.004	0.004	0.002	0.	0.001	0.003	0.004	0.004	0.004
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	153	480.	618.333	4550.	350.	560176.645	748.449	392.8	420.	500.	540.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-08/17/77	1	622.	622.	622.	622.	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-05/02/78	6	191.	195.333	215.	190.	96.667	9.832	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	27	0	0.00	10	0	0.00	17	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	127	1	0.01	39	1	0.03	88	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	19	3	0.16	11	3	0.27	8	0	0.00						
00400	PH	Other-Hi Lim.	9.	114	0	0.00	32	0	0.00	82	0	0.00						
		Other-Lo Lim.	6.5	114	0	0.00	32	0	0.00	82	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	17	0	0.00	8	0	0.00	9	0	0.00						
		Other-Lo Lim.	6.5	17	0	0.00	8	0	0.00	9	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	17	0	0.00	8	0	0.00	9	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	17	0	0.00	8	0	0.00	9	0	0.00						
		Drinking Water	250.	17	0	0.00	8	0	0.00	9	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	18	0	0.00	8	0	0.00	10	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	0	0.00	3	0	0.00	10	0	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 1972 - Station AMIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	2	24.7	24.7	25.	24.4	0.18	0.424	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	2	76.5	76.5	77.	76.	0.5	0.707	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	3	725.	716.667	725.	700.	208.333	14.434	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	3	363.	358.667	363.	350.	56.333	7.506	**	**	**	**

** - 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 1973 - Station AMIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	35	20.	20.071	27.2	10.6	21.259	4.611	14.1	17.2	25.	26.1
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	35	68.	68.143	81.	51.	69.008	8.307	57.4	63.	77.	79.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	35	840.	864.571	1400.	700.	16632.899	128.969	740.	800.	870.	984.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-05/02/78	13	8.7	7.477	9.8	5.	3.27	1.808	5.04	5.65	8.9	9.64
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	7	8.2	8.186	8.5	7.8	0.071	0.267	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	7	8.2	8.117	8.5	7.8	0.077	0.277	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	7	0.006	0.008	0.016	0.003	0.	0.005	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	35	420.	432.429	700.	350.	4147.899	64.404	370.2	400.	435.	492.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	38	19.7	20.511	31.1	13.	19.218	4.384	15.	17.95	24.25	27.2
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	38	67.5	68.921	88.	55.4	62.47	7.904	59.	64.3	75.65	81.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	38	835.	2095.789	9100.	750.	8160106.117	2856.59	750.	810.	950.	8400.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-05/02/78	25	9.	8.444	9.8	7.3	0.799	0.894	7.36	7.4	9.1	9.4
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	17	7.9	7.888	8.3	7.3	0.042	0.206	7.7	7.8	8.	8.14
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	17	7.9	7.834	8.3	7.3	0.045	0.213	7.7	7.8	8.	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	17	0.013	0.015	0.05	0.005	0.	0.01	0.007	0.01	0.016	0.023
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	38	417.5	1047.895	4550.	375.	2040026.529	1428.295	375.	405.	475.	4200.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	24	18.7	17.488	25.1	11.8	26.196	5.118	11.8	12.05	22.725	24.95
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	24	65.7	63.479	77.2	53.2	85.126	9.226	53.2	53.675	72.925	76.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	24	1000.	985.	1050.	920.	1930.435	43.937	920.	930.	1000.	1050.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-05/02/78	23	7.9	8.239	10.1	4.5	2.284	1.511	6.18	7.4	9.9	10.
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	24	8.15	8.142	8.3	7.8	0.01	0.102	8.05	8.1	8.2	8.25
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	24	8.147	8.129	8.3	7.8	0.011	0.103	8.05	8.1	8.2	8.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	24	0.007	0.007	0.016	0.005	0.	0.002	0.006	0.006	0.008	0.009
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	24	500.	492.5	525.	460.	482.609	21.968	460.	465.	500.	525.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	19	21.1	21.084	27.	12.5	27.978	5.289	12.5	18.	26.6	26.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	19	70.	69.953	80.6	54.5	90.835	9.531	54.5	64.4	79.9	80.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	25	1000.	1018.6	1050.	995.	503.167	22.431	1000.	1000.	1040.	1050.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-05/02/78	25	7.4	7.796	9.7	3.3	1.734	1.317	7.12	7.3	8.7	9.7
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	25	8.1	8.088	8.3	7.6	0.031	0.176	7.9	7.95	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	25	8.1	8.05	8.3	7.6	0.033	0.18	7.9	7.95	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	25	0.008	0.009	0.025	0.005	0.	0.004	0.005	0.005	0.011	0.013
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	25	500.	509.32	525.	498.	125.31	11.194	500.	500.	520.	525.

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Annual Analysis for 1977 - Station AMIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	28	20.5	19.836	27.	11.5	29.796	5.459	11.8	13.75	25.125	27.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	21	68.9	67.214	80.6	52.7	129.452	11.378	53.2	53.6	80.6	80.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	28	1000.	1006.071	1150.	950.	3222.884	56.77	950.	960.	1037.5	1100.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-05/02/78	28	7.8	8.043	10.2	6.1	1.554	1.246	6.7	6.8	9.15	10.11
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	28	8.25	8.236	8.4	8.	0.025	0.159	8.	8.1	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	28	8.247	8.208	8.4	8.	0.026	0.162	8.	8.1	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	28	0.006	0.006	0.01	0.004	0.	0.002	0.004	0.004	0.008	0.01
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	21	490.	504.095	575.	475.	1082.29	32.898	475.	475.	537.5	550.

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Annual Analysis for 1978 - Station AMIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-05/02/78	13	18.5	15.269	21.	9.5	31.276	5.592	9.5	9.5	20.5	21.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-05/02/78	7	68.9	68.386	69.8	65.3	2.391	1.546	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-05/02/78	13	980.	925.385	990.	860.	3976.923	63.063	860.	860.	980.	986.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/19/73-05/02/78	13	8.	8.969	10.6	7.2	1.631	1.277	7.48	7.95	10.3	10.52
00400	PH (STANDARD UNITS)	01/17/73-05/02/78	13	8.3	8.115	8.3	7.9	0.043	0.208	7.9	7.9	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-05/02/78	13	8.3	8.07	8.3	7.9	0.045	0.213	7.9	7.9	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-05/02/78	13	0.005	0.009	0.013	0.005	0.	0.004	0.005	0.005	0.013	0.013
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	10/04/72-05/02/78	7	490.	490.714	495.	490.	3.571	1.89	**	**	**	**

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Station Inventory for Station: AMIS0050

NPS Station ID: AMIS0050 LAT/LON: 29.462504/-101.112504 Agency: 21TXWQB Date Created: 07/23/94
Location: AMISTAD RESERVOIR AT INTERNATIONAL BOUNDARY BUOY FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 13214 /2305.0400 /2305.4000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13040212 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13040212 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
AMISTAD RESERVOIR AT INTERNATIONAL BOUNDARY BUOY V@ 5 MILES SOUTHWEST O DAM

Parameter Inventory for Station: AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	215	20.	19.552	31.1	9.	30.184	5.494	11.8	15.3	24.4	27.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	149	66.2	66.545	88.	48.2	105.186	10.256	52.7	57.65	76.4	81.
00062	ELEVATION, RESERVOIR SURFACE WATER IN FEET	08/18/76-08/18/76	1	1124.	1124.	1124.	1124.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-08/21/79	31	5.	4.935	20.	0.	22.462	4.739	0.	2.	5.	10.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-03/17/88	18	168.	152.444	240.	48.	3035.556	55.096	58.8	113.	192.	218.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/19/90-07/08/93	7	3.	3.393	5.6	2.4	1.184	1.088	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/04/92-10/13/92	3	324.	326.	384.	270.	3252.	57.026	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	225	1023.	1184.062	9100.	700.	1058887.237	1029.022	840.	966.5	1150.	1300.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-03/17/88	35	1104.	1118.6	1720.	835.	51250.718	226.386	881.4	960.	1209.	1560.8
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	201	7.8	7.706	11.	0.2	4.415	2.101	4.82	7.	9.45	9.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/04/92-10/13/92	3	88.4	90.433	95.	87.9	15.703	3.963	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/04/72-07/11/73	4	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
00400p	PH (STANDARD UNITS)	01/17/73-07/08/93	156	8.2	8.155	8.8	7.3	0.057	0.239	7.9	8.	8.3	8.4
00400p	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	156	8.2	8.08	8.8	7.3	0.063	0.251	7.9	8.	8.3	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	156	0.006	0.008	0.05	0.002	0.	0.007	0.004	0.005	0.01	0.013
00403	PH, LAB, STANDARD UNITS SU	10/04/72-03/17/88	34	8.2	8.094	8.5	7.3	0.103	0.321	7.55	7.9	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-03/17/88	34	8.2	7.948	8.5	7.3	0.125	0.353	7.55	7.9	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-03/17/88	34	0.006	0.011	0.05	0.003	0.	0.012	0.004	0.005	0.013	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-07/08/93	30	126.5	128.5	174.	106.	165.569	12.867	116.	119.75	136.	141.9
00480	SALINITY - PARTS PER THOUSAND	03/04/92-03/04/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	05/15/79-08/20/85	2	46945.	46945.	54000.	39890.	99546050.	9977.277	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	46 ##	5.	8.957	185.	0.5	737.287	27.153	0.85	2.5	5.	10.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	41 ##	3.	3.659	15.	0.5	9.343	3.057	0.5	0.75	5.	6.6
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	05/15/79-08/20/85	2	1286.5	1286.5	1763.	810.	454104.5	673.873	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	46 ##	0.05	0.045	0.13	0.005	0.001	0.033	0.01	0.01	0.05	0.103
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/05/89-07/08/93	7	0.01	0.011	0.02	0.005	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	43	0.38	0.4	0.97	0.1	0.036	0.189	0.152	0.22	0.56	0.616
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/86-07/08/93	13	0.4	0.416	0.8	0.2	0.036	0.19	0.2	0.255	0.55	0.76
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	08/20/85-08/20/85	1	1071.	1071.	1071.	1071.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/04/92-03/04/92	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-11/13/84	27	0.03	0.033	0.15	0.015	0.001	0.027	0.015	0.015	0.04	0.06
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-11/13/84	23 ##	0.015	0.017	0.03	0.005	0.	0.006	0.015	0.015	0.015	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	43	0.01	0.022	0.19	0.005	0.001	0.031	0.005	0.01	0.02	0.046
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	05/15/79-08/20/85	2	736.5	736.5	740.	733.	24.5	4.95	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	39 ##	0.005	0.011	0.09	0.	0.	0.016	0.005	0.005	0.01	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	35	3.	4.083	20.	0.5	11.196	3.346	1.54	2.	5.	7.4

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Parameter Inventory for Station: AMIS0050

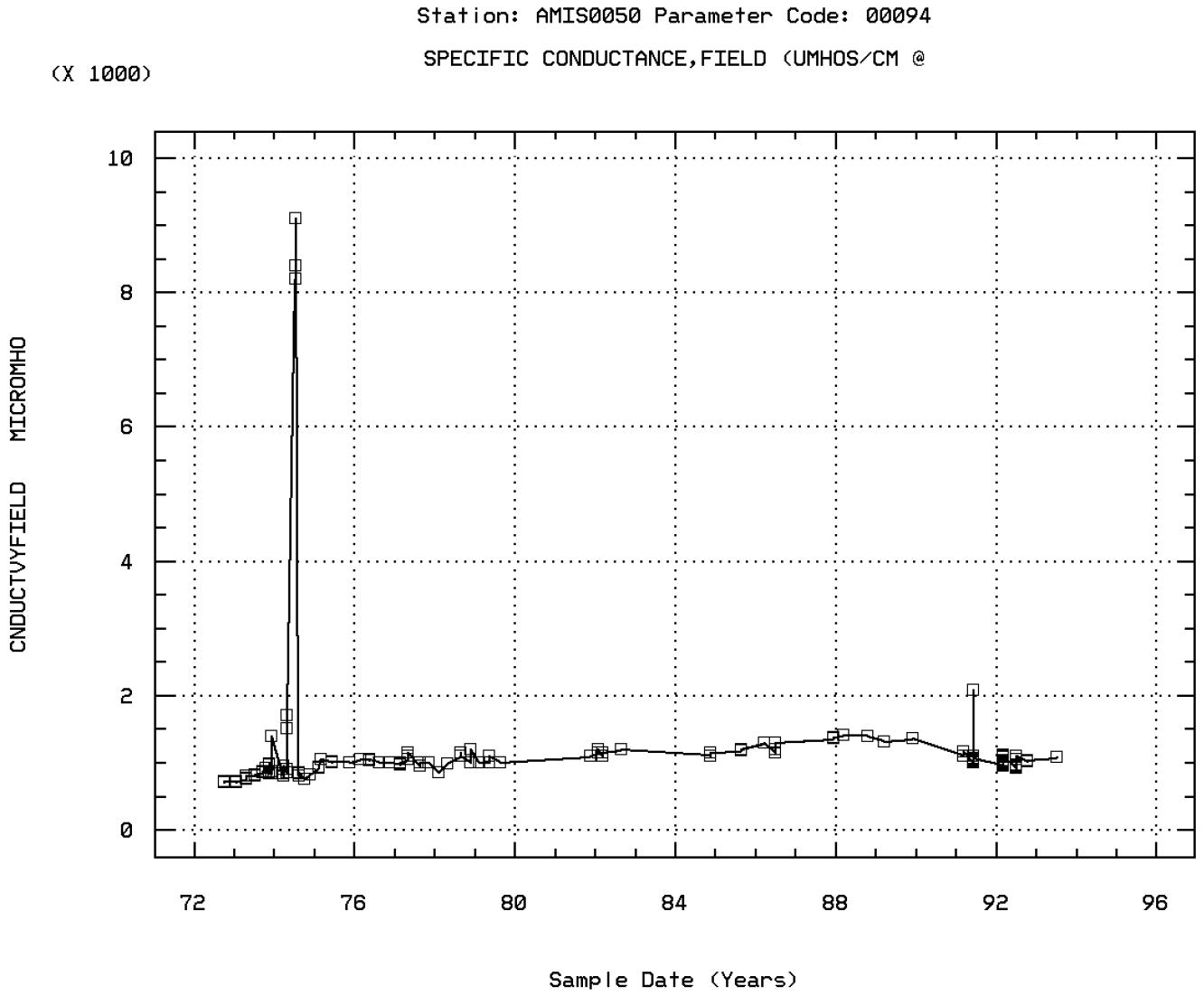
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	47	119.	120.957	216.	14.	1612.216	40.152	79.2	95.	143.	183.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/17/73-02/25/77	17	90.	96.059	135.	65.	481.434	21.942	69.	82.5	114.	131.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	46	221.5	219.674	296.	52.	2178.714	46.677	162.4	194.	250.	283.6
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/79-08/20/85	2	33.	33.	34.	32.	2.	1.414	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/15/79-08/20/85	2	263.	263.	290.	236.	1458.	38.184	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/79-08/20/85	2 ##	0.175	0.175	0.25	0.1	0.011	0.106	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/79-08/20/85	2	15.	15.	18.	12.	18.	4.243	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/79-08/20/85	2	12.5	12.5	17.	8.	40.5	6.364	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/79-08/20/85	2 ##	10.25	10.25	20.	0.5	190.125	13.789	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/15/79-08/20/85	2	455.5	455.5	510.	401.	5940.5	77.075	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/79-08/20/85	2	19.5	19.5	23.	16.	24.5	4.95	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	05/15/79-08/20/85	2 ##	1.3	1.3	2.5	0.1	2.88	1.697	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/79-08/20/85	2	72.	72.	85.	59.	338.	18.385	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/15/79-08/20/85	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-07/08/93	33 ##	5.	3.561	5.	0.5	3.824	1.956	0.7	1.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-07/08/93	33 ##	0.699	0.436	0.699	-0.301	0.139	0.373	-0.181	0.	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.727								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	39 ##	2.	2.003	18.6	0.5	8.14	2.853	0.5	1.	2.	2.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/17/77-07/08/93	26 ##	1.	1.565	11.8	0.	4.782	2.187	0.35	0.5	2.	2.
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/20/85-08/20/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	08/20/85-08/20/85	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	08/20/85-08/20/85	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	08/20/85-08/20/85	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	08/20/85-08/20/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	05/15/79-05/15/79	1 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	05/15/79-05/15/79	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	1 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	1 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/15/79-08/20/85	2 ##	3.25	3.25	5.	1.5	6.125	2.475	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	2 ##	6.375	6.375	12.	0.75	63.281	7.955	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/15/79-08/20/85	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/15/79-08/20/85	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/15/79-08/20/85	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/15/79-08/20/85	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/15/79-08/20/85	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/15/79-08/20/85	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	05/15/79-08/20/85	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/20/85-08/20/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/15/79-08/20/85	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-11/13/84	9	650.	643.889	728.	543.	2839.111	53.283	543.	611.	680.	728.
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/79-08/20/85	2	0.095	0.095	0.1	0.09	0.	0.007	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-03/04/92	13	186.	186.231	215.	174.	127.859	11.307	174.	177.	191.	207.

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

EPA Water Quality Criteria Analysis for Station: AMIS0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	31	0	0.00	12	0	0.00	19	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	201	16	0.08	83	16	0.19	118	0	0.00						
00400	PH	Other-Hi Lim.	9.	156	0	0.00	58	0	0.00	98	0	0.00						
		Other-Lo Lim.	6.5	156	0	0.00	58	0	0.00	98	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	34	0	0.00	13	0	0.00	21	0	0.00						
		Other-Lo Lim.	6.5	34	0	0.00	13	0	0.00	21	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	7	0	0.00	3	0	0.00	4	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	43	0	0.00	18	0	0.00	25	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.	47	0	0.00	19	0	0.00	28	0	0.00						
		Drinking Water	250.	47	0	0.00	19	0	0.00	28	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	17	0	0.00	6	0	0.00	11	0	0.00						
		Drinking Water	250.	17	0	0.00	6	0	0.00	11	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	46	12	0.26	19	4	0.21	27	8	0.30						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	33	0	0.00	13	0	0.00	20	0	0.00						

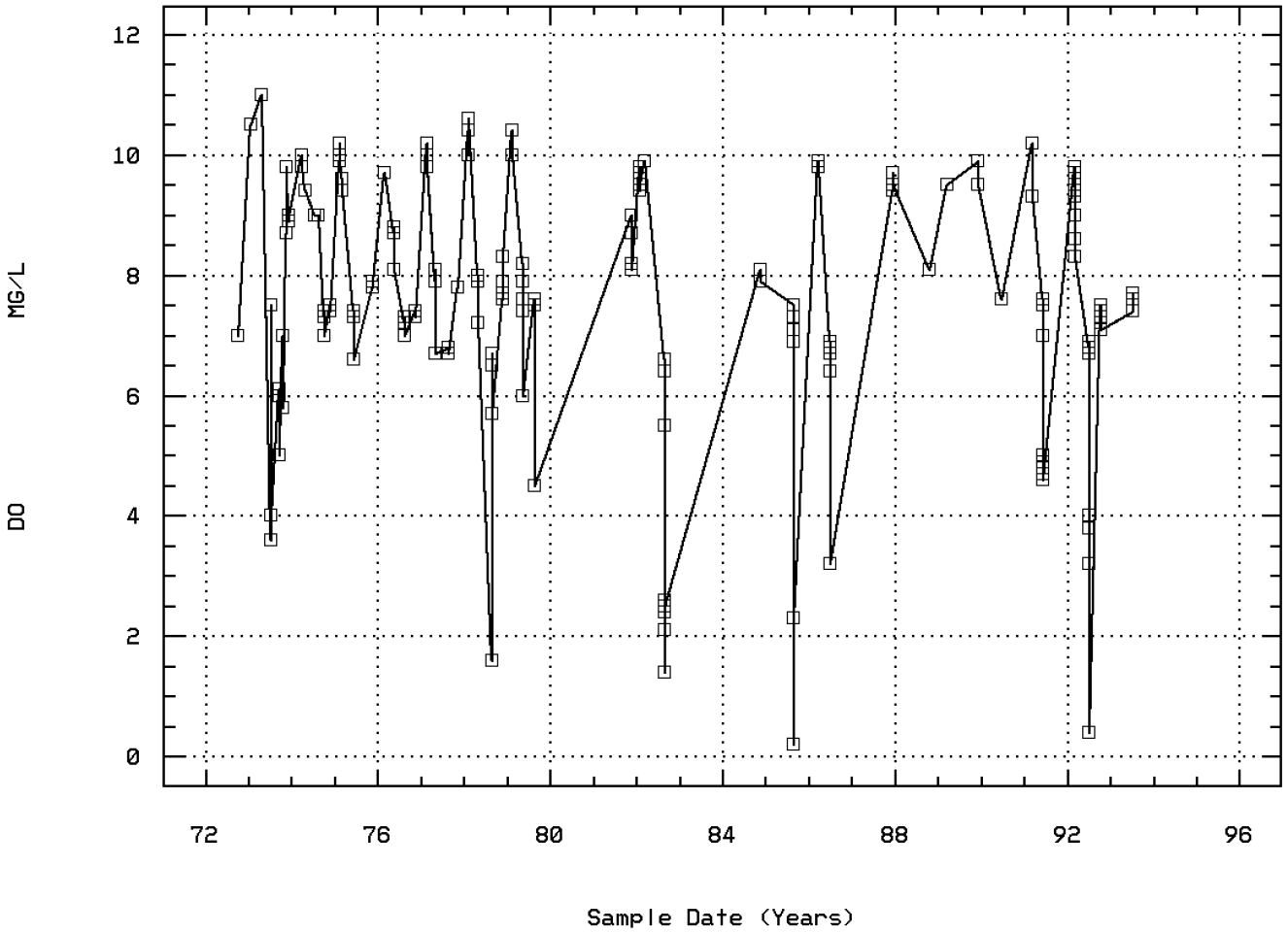
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



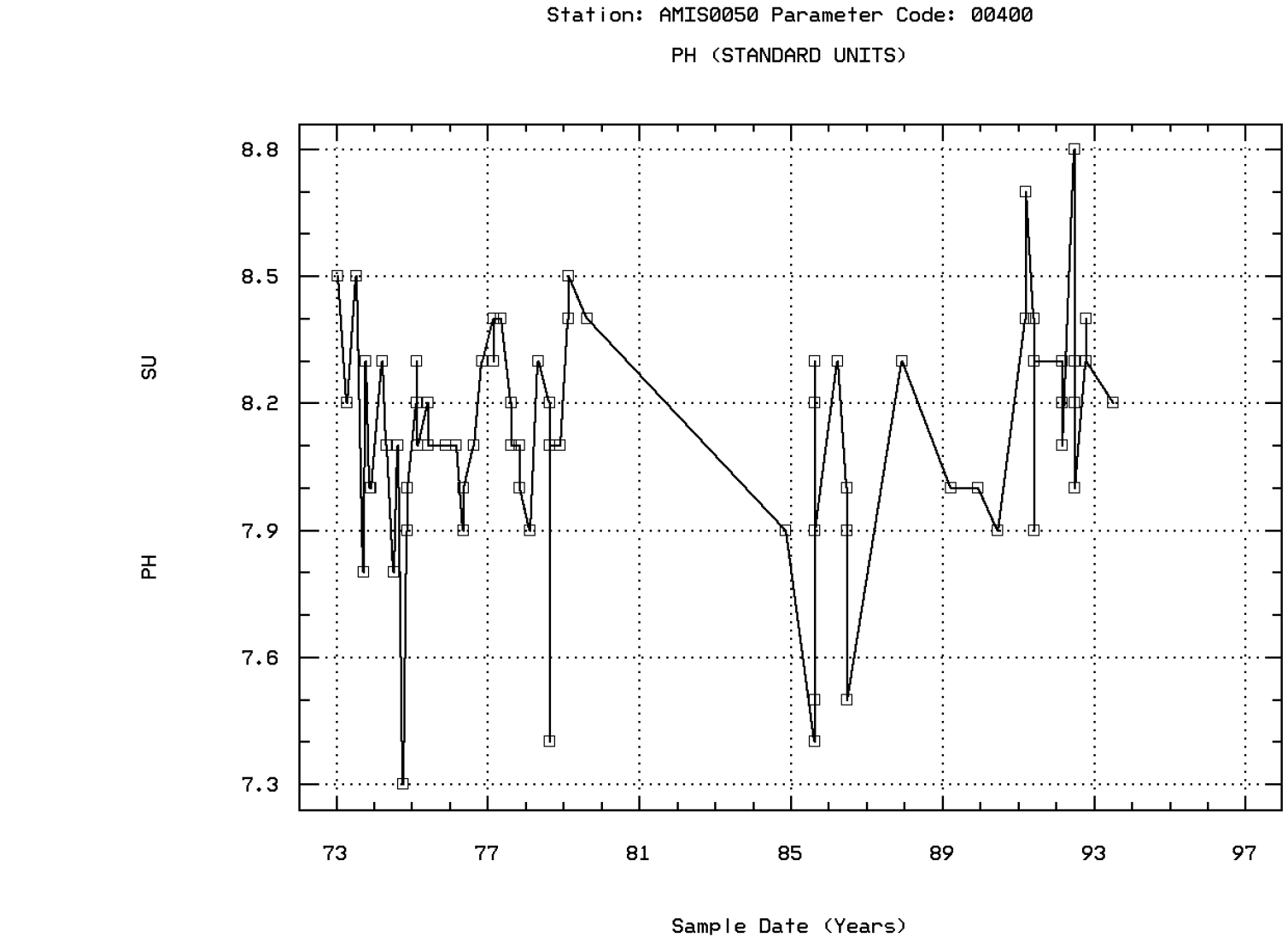
AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Station: AMIS0050 Parameter Code: 00300

OXYGEN, DISSOLVED



AMISTAD RESERVOIR AT INTERNATIONAL BOUN



AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Annual Analysis for 1972 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	2	712.5	712.5	725.	700.	312.5	17.678	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	2	7.	7.	7.	7.	0.	0.	**	**	**	**

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

Annual Analysis for 1973 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	20	19.7	19.965	27.2	10.6	23.387	4.836	11.6	17.2	24.85	26.1
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	20	67.	67.8	81.	51.	73.853	8.594	52.9	63.	76.75	78.9
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	21	850.	865.952	1400.	700.	19844.048	140.869	730.	800.	890.	984.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	15	7.5	7.56	11.	3.6	5.871	2.423	3.84	5.8	9.8	10.7
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.2	8.186	8.5	7.8	0.071	0.267	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.2	8.117	8.5	7.8	0.077	0.277	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	7	0.006	0.008	0.016	0.003	0.	0.005	**	**	**	**

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

Annual Analysis for 1974 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	21	20.	20.914	31.1	13.5	20.387	4.515	15.6	18.05	24.5	27.2
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	21	68.	69.519	88.	55.4	69.203	8.319	59.2	64.4	76.1	81.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	23	840.	2264.783	9100.	750.	9196044.269	3032.498	750.	810.	1500.	8820.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	16	9.	8.538	10.	7.	1.024	1.012	7.21	7.4	9.3	9.86
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	12	7.9	7.9	8.3	7.3	0.06	0.245	7.45	7.8	8.075	8.24
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	12	7.9	7.825	8.3	7.3	0.066	0.257	7.45	7.8	8.075	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	12	0.013	0.015	0.05	0.005	0.	0.012	0.006	0.008	0.016	0.04

** - 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 box-and-whisker plot

Annual Analysis for 1975 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	14	18.7	17.629	25.1	11.8	28.775	5.364	11.8	12.35	23.9	25.05
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	13	65.7	62.962	77.2	53.2	89.391	9.455	53.2	53.95	71.4	77.04
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	14	1000.	986.429	1050.	920.	2070.879	45.507	920.	927.5	1005.	1050.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	13	7.9	8.608	10.2	6.6	1.587	1.26	6.88	7.6	9.95	10.12
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	14	8.15	8.164	8.3	8.1	0.006	0.074	8.1	8.1	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	14	8.147	8.159	8.3	8.1	0.006	0.075	8.1	8.1	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	14	0.007	0.007	0.008	0.005	0.	0.001	0.005	0.006	0.008	0.008

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Annual Analysis for 1976 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	11	22.2	21.482	27.	12.5	28.288	5.319	12.56	18.	26.6	26.96
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	11	70.	70.3	80.6	54.5	92.112	9.597	54.6	64.4	79.9	80.52

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	15	1000.	1020.667	1050.	1000.	549.524	23.442	1000.	1000.	1050.	1050.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	13	7.4	7.931	9.7	7.	0.944	0.972	7.08	7.25	8.75	9.7
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	14	8.1	8.114	8.3	7.9	0.02	0.141	7.9	8.	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	14	8.1	8.093	8.3	7.9	0.02	0.142	7.9	8.	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	14	0.008	0.008	0.013	0.005	0.	0.003	0.005	0.005	0.01	0.013

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Annual Analysis for 1977 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	16	20.5	20.013	27.	11.8	30.176	5.493	11.8	14.25	25.5	27.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	16	68.9	67.581	80.6	52.7	99.147	9.957	53.05	56.75	77.275	80.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	16	1000.	1009.688	1150.	950.	3594.896	59.957	950.	962.5	1037.5	1115.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	15	7.8	8.153	10.2	6.7	1.644	1.282	6.7	6.8	9.8	10.2
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.25	8.244	8.4	8.	0.024	0.155	8.07	8.1	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.247	8.218	8.4	8.	0.025	0.157	8.07	8.1	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	16	0.006	0.006	0.01	0.004	0.	0.002	0.004	0.004	0.008	0.009

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Annual Analysis for 1978 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	15	20.	19.033	27.	9.5	35.195	5.933	9.5	17.5	22.5	27.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	15	65.3	65.993	81.	49.1	116.021	10.771	49.1	63.5	72.5	81.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	15	1000.	1010.667	1200.	860.	10778.095	103.818	860.	980.	1100.	1170.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	16	7.8	7.55	10.6	1.6	4.411	2.1	4.47	6.7	8.225	10.46
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.1	8.088	8.3	7.4	0.053	0.231	7.75	7.95	8.275	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	16	8.1	8.01	8.3	7.4	0.06	0.244	7.75	7.95	8.275	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	16	0.008	0.01	0.04	0.005	0.	0.008	0.005	0.005	0.011	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 box-and-whisker plot

Annual Analysis for 1979 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	14	21.25	18.964	26.5	9.	47.556	6.896	9.25	10.	26.5	26.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	14	67.9	65.3	79.7	48.2	151.303	12.301	48.65	50.	79.175	79.7
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	15	1000.	1013.333	1100.	1000.	1238.095	35.187	1000.	1000.	1000.	1100.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	14	7.6	8.043	10.4	4.5	2.856	1.69	5.25	7.475	10.	10.4
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	5	8.4	8.42	8.5	8.4	0.002	0.045	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	5	8.4	8.418	8.5	8.4	0.002	0.045	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	5	0.004	0.004	0.004	0.003	0.	0.	**	**	**	**

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

Annual Analysis for 1981 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	4	18.9	18.9	19.	18.8	0.013	0.115	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	4	66.	66.	66.2	65.8	0.053	0.231	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	5	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	4	8.45	8.5	9.	8.1	0.18	0.424	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	24	12.	15.563	28.	11.5	38.159	6.177	11.5	11.5	17.	28.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	24	53.6	59.629	82.4	52.7	118.314	10.877	52.7	52.7	61.55	82.4
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	25	1200.	1170.	1200.	1100.	1458.333	38.188	1100.	1150.	1200.	1200.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	20	8.	6.65	9.9	1.	11.577	3.403	1.47	2.525	9.6	9.79

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	4	20.	20.	20.	20.	0.	0.	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	4	68.	68.	68.	68.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	5	1100.	1120.	1150.	1100.	750.	27.386	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	4	8.1	8.05	8.1	7.9	0.01	0.1	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	4	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	4	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	4	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	6	27.75	26.483	28.3	21.9	6.418	2.533	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	6	81.95	79.667	82.9	71.4	20.807	4.561	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	7	1182.	1186.429	1204.	1173.	107.952	10.39	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	6	7.	5.217	7.5	0.2	9.922	3.15	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.2	7.971	8.3	7.4	0.146	0.382	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	7	8.2	7.817	8.3	7.4	0.174	0.417	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	7	0.006	0.015	0.04	0.005	0.	0.014	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	9	24.2	21.211	26.2	15.5	27.714	5.264	15.5	15.65	26.1	26.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	8	1300.	1256.25	1300.	1150.	3883.929	62.321	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	9	6.9	7.711	9.9	3.2	5.361	2.315	3.2	6.55	9.85	9.9
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	8	8.15	8.075	8.3	7.5	0.082	0.287	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	8	8.125	7.977	8.3	7.5	0.093	0.305	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0050

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	01/17/73-07/08/93	8	0.008	0.011	0.032	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 box-and-whisker plot

Annual Analysis for 1987 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	4	16.8	16.975	17.6	16.7	0.183	0.427	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	4	1372.5	1372.5	1379.	1366.	36.333	6.028	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	4	9.5	9.525	9.7	9.4	0.016	0.126	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	4	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	4	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	4	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 box-and-whisker plot

Annual Analysis for 1988 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	2	18.7	18.7	24.4	13.	64.98	8.061	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	2	1407.	1407.	1414.	1400.	98.	9.899	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	1	8.1	8.1	8.1	8.1	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 AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	6	16.	15.967	16.8	15.2	0.295	0.543	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	5	1363.	1351.8	1364.	1305.	684.7	26.167	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	5	9.5	9.58	9.9	9.5	0.032	0.179	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	6	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	6	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	6	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

Annual Analysis for 1990 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	1	27.2	27.2	27.2	27.2	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	10	18.15	20.12	25.6	13.5	21.668	4.655	13.8	16.65	25.3	25.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	11	1068.	1155.818	2073.	1003.	94756.964	307.826	1005.	1023.	1104.	1891.8
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	10	6.	6.56	10.2	4.6	4.278	2.068	4.61	4.775	8.025	10.11
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	11	8.3	8.191	8.7	7.9	0.087	0.295	7.9	7.9	8.4	8.64
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	11	8.3	8.108	8.7	7.9	0.095	0.308	7.9	7.9	8.4	8.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	11	0.005	0.008	0.013	0.002	0.	0.005	0.002	0.004	0.013	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 box-and-whisker plot

Annual Analysis for 1992 - Station AMIS0050

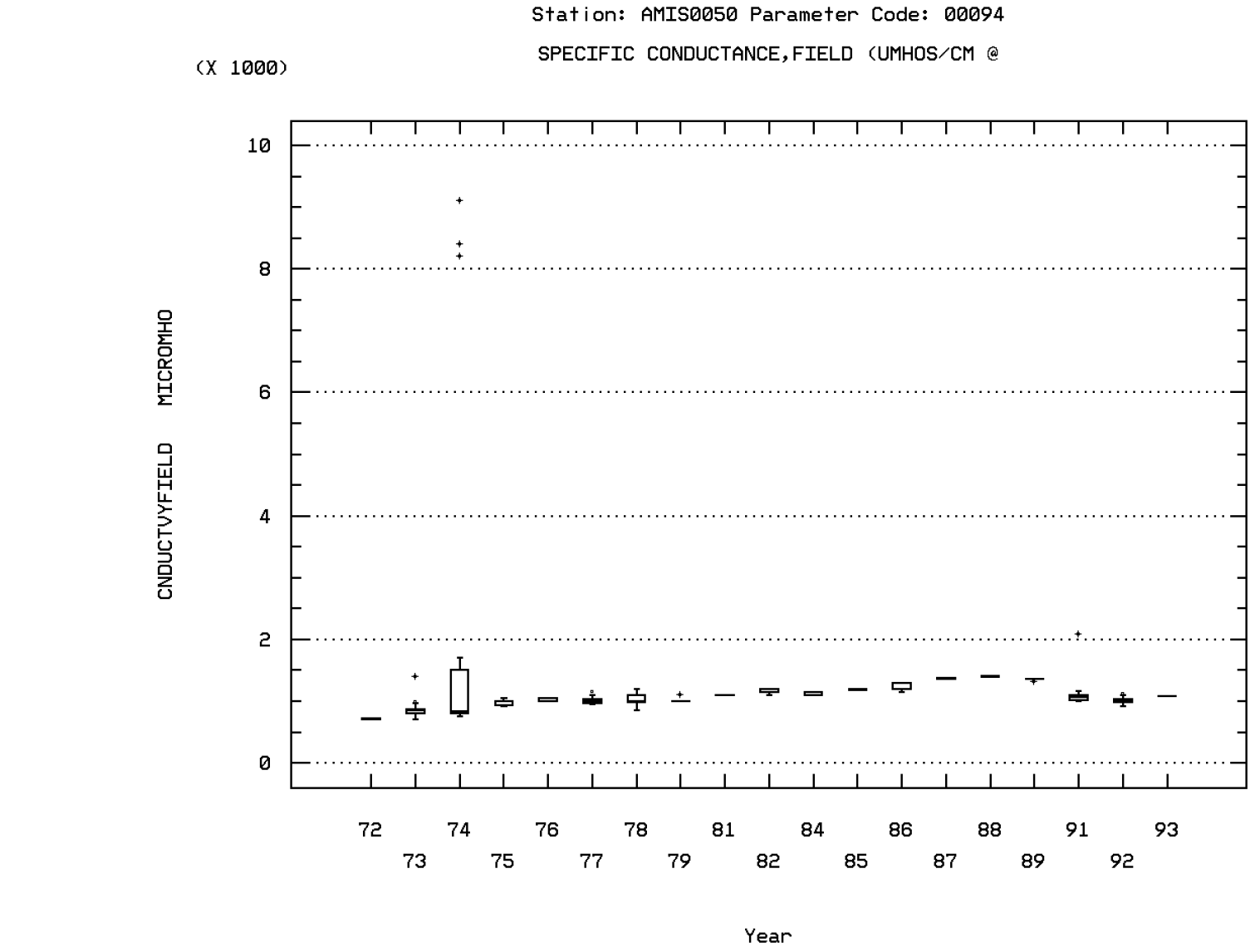
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	30	23.	19.963	28.	12.9	28.076	5.299	13.31	13.975	23.8	27.41
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	29	1021.	1012.517	1117.	916.	2573.473	50.729	940.	972.	1035.	1098.
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	30	7.4	7.477	9.8	0.4	4.833	2.198	3.82	7.05	9.325	9.79
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	30	8.3	8.313	8.8	8.	0.034	0.183	8.11	8.2	8.3	8.76
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	30	8.3	8.283	8.8	8.	0.035	0.186	8.11	8.2	8.3	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	30	0.005	0.005	0.01	0.002	0.	0.002	0.002	0.005	0.006	0.008

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

Annual Analysis for 1993 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	3	26.2	26.2	26.2	26.2	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	3	1078.	1078.	1079.	1077.	1.	1.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	3	7.6	7.567	7.7	7.4	0.023	0.153	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**

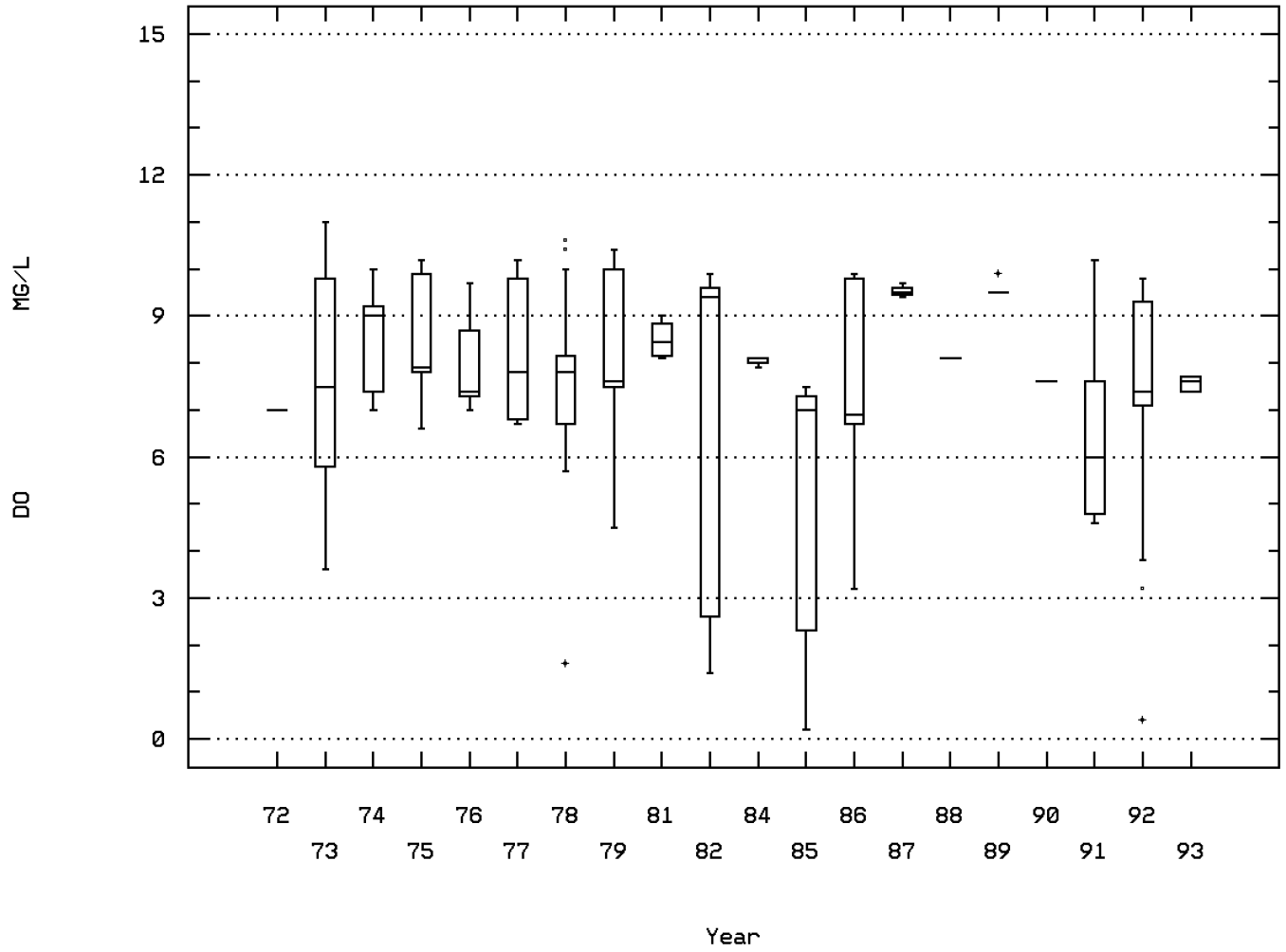
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Station: AMIS0050 Parameter Code: 00300

OXYGEN, DISSOLVED



AMISTAD RESERVOIR AT INTERNATIONAL BOUN

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	83	25.1	24.74	31.1	14.5	10.335	3.215	20.92	23.8	27.	27.96
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	55	79.	76.222	88.	57.2	49.602	7.043	64.56	74.	81.	82.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-08/21/79	12	5.	4.167	10.	0.	7.242	2.691	0.	2.25	5.	8.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-03/17/88	4	106.	111.5	156.	78.	1185.	34.424	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	85	1023.	1384.565	9100.	700.	2702924.582	1644.057	819.	945.	1185.5	1200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-03/17/88	13	1002.	1066.077	1540.	835.	34319.91	185.256	861.	938.5	1162.	1424.
00300	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	83	7.	6.216	9.	0.2	4.397	2.097	2.44	5.8	7.4	7.66
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	58	8.2	8.124	8.8	7.3	0.095	0.309	7.77	8.	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	58	8.2	8.	8.8	7.3	0.111	0.333	7.77	8.	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	58	0.006	0.01	0.05	0.002	0.	0.01	0.004	0.005	0.01	0.017
00403	PH, LAB, STANDARD UNITS SU	10/04/72-03/17/88	13	8.2	8.192	8.5	7.5	0.074	0.272	7.62	8.15	8.4	8.46
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-03/17/88	13	8.2	8.09	8.5	7.5	0.086	0.292	7.62	8.15	8.4	8.46
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-03/17/88	13	0.006	0.008	0.032	0.003	0.	0.008	0.003	0.004	0.007	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-07/08/93	12	121.	123.083	140.	106.	106.083	10.3	108.4	116.	134.25	138.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	18 ##	5.	3.778	6.	0.5	2.948	1.717	0.5	2.375	5.	5.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	16 ##	2.5	2.719	5.	0.5	3.966	1.991	0.5	0.5	5.	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	18 ##	0.04	0.043	0.11	0.005	0.001	0.03	0.01	0.02	0.05	0.11
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	18	0.32	0.317	0.61	0.1	0.025	0.158	0.127	0.178	0.46	0.565
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-11/13/84	11	0.03	0.046	0.15	0.015	0.001	0.037	0.016	0.03	0.05	0.132
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-11/13/84	9 ##	0.015	0.017	0.03	0.005	0.	0.008	0.005	0.015	0.023	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	18	0.01	0.022	0.08	0.005	0.	0.02	0.005	0.01	0.033	0.053
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	16 ##	0.008	0.011	0.04	0.	0.	0.012	0.004	0.005	0.01	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	13	3.	3.308	8.	0.5	5.356	2.314	0.5	1.5	4.5	7.6
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	19	119.	121.789	189.	68.	1116.731	33.418	81.	91.	143.	179.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	19	220.	217.684	294.	52.	2881.784	53.682	157.	194.	245.	285.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-07/08/93	13 ##	2.	2.846	5.	0.5	4.433	2.105	0.5	1.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-07/08/93	13 ##	0.301	0.299	0.699	-0.301	0.17	0.412	-0.301	0.	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.993								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	14 ##	2.	2.793	18.6	0.5	21.578	4.645	0.5	0.875	2.	11.3
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/17/77-07/08/93	10 ##	1.	1.12	2.	0.	0.566	0.752	0.05	0.5	2.	2.
72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-03/04/92	3	180.	183.	195.	174.	117.	10.817	**	**	**	**

** - Less than 9 observations ## - Computed 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 6/09 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/72-07/08/93	132	16.7	16.29	25.6	9.	15.067	3.882	11.5	12.575	19.4	21.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/04/72-08/20/85	94	63.5	60.883	73.	48.2	50.81	7.128	52.35	53.35	68.	68.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/04/72-08/21/79	19	5.	5.421	20.	0.	32.368	5.689	0.	2.	5.	20.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/10/76-03/17/88	14	177.	164.143	240.	48.	3032.901	55.072	54.	138.	195.	228.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/72-07/08/93	140	1026.5	1062.329	2073.	700.	33476.97	182.967	851.	980.25	1113.75	1304.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/72-03/17/88	22	1130.	1149.636	1720.	860.	60649.1	246.27	878.7	947.5	1224.5	1625.6
00300	OXYGEN, DISSOLVED MG/L	10/04/72-07/08/93	118	9.3	8.754	11.	4.6	1.781	1.334	7.39	7.9	9.8	10.02
00400	PH (STANDARD UNITS)	01/17/73-07/08/93	98	8.2	8.173	8.7	7.9	0.034	0.185	7.9	8.	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-07/08/93	98	8.2	8.135	8.7	7.9	0.036	0.189	7.9	8.	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-07/08/93	98	0.006	0.007	0.013	0.002	0.	0.003	0.004	0.005	0.01	0.013
00403	PH, LAB, STANDARD UNITS SU	10/04/72-03/17/88	21	8.2	8.033	8.4	7.3	0.115	0.34	7.36	7.8	8.3	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/72-03/17/88	21	8.2	7.88	8.4	7.3	0.14	0.374	7.36	7.8	8.3	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/72-03/17/88	21	0.006	0.013	0.05	0.004	0.	0.014	0.005	0.005	0.016	0.045
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-07/08/93	18	129.	132.111	174.	118.	179.281	13.39	118.9	122.	139.5	149.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/72-07/08/93	28 ##	5.	12.286	185.	0.5	1197.582	34.606	0.95	2.625	5.	14.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/73-07/08/93	25 ##	5.	4.26	15.	0.5	12.128	3.482	0.5	1.5	5.	10.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/72-07/08/93	28 ##	0.05	0.046	0.13	0.01	0.001	0.035	0.01	0.01	0.058	0.103
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/72-07/08/93	25	0.46	0.46	0.97	0.14	0.036	0.189	0.198	0.32	0.6	0.642
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/04/72-11/13/84	16 ##	0.015	0.024	0.06	0.015	0.	0.013	0.015	0.015	0.03	0.046
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-11/13/84	14 ##	0.015	0.016	0.03	0.015	0.	0.004	0.015	0.015	0.015	0.023

** - Less than 9 observations ## - Computed 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 6/09 - Station AMIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/72-07/08/93	25	0.01	0.022	0.19	0.005	0.001	0.037	0.005	0.01	0.02	0.044
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/08/93	23 ##	0.005	0.012	0.09	0.	0.	0.018	0.005	0.005	0.01	0.022
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/08/93	22	3.5	4.541	20.	1.9	14.475	3.805	2.	2.75	5.	7.4
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/72-07/08/93	28	114.	120.393	216.	14.	2001.433	44.737	71.7	95.	142.75	190.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/72-07/08/93	27	223.	221.074	296.	155.	1770.84	42.081	162.6	188.	250.	284.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-07/08/93	20 ##	5.	4.025	5.	0.5	3.065	1.751	1.	2.75	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-07/08/93	20 ##	0.699	0.524	0.699	-0.301	0.106	0.326	0.	0.401	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.344								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/17/73-07/08/93	25 ##	2.	1.56	4.	0.5	0.632	0.795	0.5	1.	2.	2.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/17/77-07/08/93	16 ##	1.	1.844	11.8	0.	7.416	2.723	0.35	1.	2.	4.94
72025	DEPTH OF POND OR RESERVOIR IN FEET	02/25/77-03/04/92	10	188.	187.2	215.	174.	139.956	11.83	174.	178.5	190.5	212.7

** - 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

Station Inventory for Station: AMIS0051

NPS Station ID: AMIS0051 LAT/LON: 29.479170/-101.120837 Agency: 21TEXWR Date Created: 11/16/78
Location: AMISTAD RESERVOIR AT BUOY 6 FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): IMS21-7
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040212 Depth of Water: 999 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040212009 RF1 Mile Point: 3.770 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13040302000500.00 RF3 Mile Point: 0.30 Distance from RF3: 0.30 On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR AT BUOY 6

Parameter Inventory for Station: AMIS0051

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)	02/20/74-02/20/74	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	1	520.	520.	520.	520.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	1	77.	77.	77.	77.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

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

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

Station Inventory for Station: AMIS0052

NPS Station ID: AMIS0052 | LAT/LON: 29.513892/-101.170837 | Agency: 11EPALES | Date Created: / /
Location: AMISTAD LAKE | FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 480103
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 13040212 | Depth of Water: 140 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 13040212009 | RF1 Mile Point: 8.660 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 13040302019500.00 | RF3 Mile Point: 20.09 | Distance from RF3: 0.05 | On/Off RF3:
Description:
230 DEGREES FM WATER TOWER ON SOUTHERNMOST DEVELOPED POINT ON NE SHORE; FAVORS NE SHORE APPR 800 YDS FR SHORE; 290 DEGREES FR UNDEVELOPED POINT S OF DEVELOPMENT. COMMENTS: 3-6 ULE 5; NO VISIBLE PHYTOPLANKTON OR PLANTS; SM DEVELOPMENT ON NE SHORE; LG SHALLOW AREAS IN THIS PART OF LAKE; INTEGRATE 35 FT.

Parameter Inventory for Station: AMIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/74-10/29/74	30	21.	19.897	27.5	12.4	23.2	4.817	13.39	15.075	23.825	26.89
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	08/06/74-10/29/74	4	25.5	25.5	50.	1.	800.333	28.29	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/06/74-10/29/74	30	94.6	91.087	96.	82.	34.768	5.896	82.4	83.425	95.325	96.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/06/74-10/29/74	4	150.	145.	180.	100.	1700.	41.231	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/06/74-10/29/74	30	801.5	873.533	1745.	685.	53456.671	231.207	699.2	709.	955.5	1027.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/06/74-10/29/74	30	948.	959.933	1859.	753.	51804.616	227.606	756.3	847.5	979.25	1002.7
00300	OXYGEN, DISSOLVED MG/L	03/06/74-10/29/74	28	7.	5.643	9.4	0.4	9.086	3.014	0.98	2.05	7.8	9.2
00400	PH (STANDARD UNITS)	03/06/74-10/29/74	30	8.055	7.984	8.5	7.41	0.1	0.317	7.442	7.738	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	03/06/74-10/29/74	30	8.055	7.869	8.5	7.41	0.114	0.338	7.442	7.737	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/74-10/29/74	30	0.009	0.014	0.039	0.003	0.	0.011	0.004	0.006	0.018	0.036
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/06/74-10/29/74	20	136.	129.85	146.	109.	190.029	13.785	111.	112.25	141.	145.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/74-10/29/74	20	0.035	0.03	0.06	0.01	0.	0.015	0.01	0.02	0.04	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/74-10/29/74	20	0.3	0.265	0.5	0.1	0.007	0.081	0.2	0.2	0.3	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/74-10/29/74	20	0.38	0.403	0.73	0.21	0.027	0.166	0.211	0.225	0.53	0.677
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/74-10/29/74	20	0.013	0.012	0.023	0.006	0.	0.005	0.006	0.007	0.016	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/06/74-10/29/74	20	0.011	0.01	0.017	0.001	0.	0.005	0.003	0.005	0.013	0.017
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/06/74-10/29/74	4	2.1	1.95	3.3	0.3	1.857	1.363	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	03/06/74-10/29/74	4	155.	156.25	180.	135.	489.583	22.127	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	28	9	0.32	20	9	0.45	8	0	0.00						
00400	PH	Other-Hi Lim.	9.	30	0	0.00	20	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	30	0	0.00	20	0	0.00	10	0	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: AMIS0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	20	0	0.00	10	0	0.00	10	0	0.00						

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

Station Inventory for Station: AMIS0053

NPS Station ID: AMIS0053
LAT/LON: 29.519448/-101.172226
Agency: 21TEXWR
Date Created: 11/16/78
Location: AMISTAD RESERVOIR AT BUOY 12
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): IMS21-8
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13040212
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13040212009
RF1 Mile Point: 8.910
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13040212003800.00
RF3 Mile Point: 0.32
Distance from RF3: 0.65
On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD
SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR AT BUOY 12

Parameter Inventory for Station: AMIS0053

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)	02/20/74-02/20/74	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	1	520.	520.	520.	520.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	1	84.	84.	84.	84.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

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

Station Inventory for Station: AMIS0054

NPS Station ID: AMIS0054
LAT/LON: 29.583338/-101.241671
Agency: 21TEXWR
Date Created: 11/16/78
Location: AMISTAD RESERVOIR AT BUOY 20
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): IMS21-10
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13040212
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13040212003
RF1 Mile Point: 12.590
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13040302000100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.42
On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD
SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR AT BUOY 20

Parameter Inventory for Station: AMIS0054

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)	02/20/74-02/20/74	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	1	77.	77.	77.	77.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	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: AMIS0055

NPS Station ID: AMIS0055
LAT/LON: 29.625837/-101.243615
Agency: 21TEXWR
Date Created: 11/16/78
Location: AMISTAD RESERVOIR AT BUOY 27
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): IMS21-11
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13040212
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13040212003
RF1 Mile Point: 16.820
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13040212001102.46
RF3 Mile Point: 4.25
Distance from RF3: 0.22
On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD
SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR AT BUOY 27

Parameter Inventory for Station: AMIS0055

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)	02/20/74-02/20/74	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	1	450.	450.	450.	450.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	1	78.	78.	78.	78.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	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: AMIS0056

NPS Station ID: AMIS0056 LAT/LON: 29.529727/-101.250005 Agency: 21TEXWR Date Created: 11/16/78
Location: TULE & ARROYO DE LA ZORRA BAY FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): IMS21-9
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040212 Depth of Water: 999 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040212003 RF1 Mile Point: 8.170 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13040212000100.37 RF3 Mile Point: 0.37 Distance from RF3: 0.02 On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR AT TULE AND ARROYO DE LA ZORRA BAY

Parameter Inventory for Station: AMIS0056

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)	02/20/74-02/20/74	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	1	420.	420.	420.	420.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	1	54.	54.	54.	54.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	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: AMIS0057

NPS Station ID: AMIS0057 | LAT/LON: 29.625005/-101.250005 | Agency: 11EPALES | Date Created: / /
Location: AMISTAD LAKE | FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 480105
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 13040212 | Depth of Water: 140 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 13040212003 | RF1 Mile Point: 16.670 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 13040212001205.59 | RF3 Mile Point: 8.99 | Distance from RF3: 0.19 | On/Off RF3:
Description:
NEAR MOUTH OF ROUGH CANYON, AT NO. 28 BUOY (BUOY INCORRECTLY MARKED ON NPS MAP).
COMMENTS: 5-15 ULE 8, NO PHYTOPLANKTON OR AQUATIC PLANTS; 75 FT, DROP IN CONDUCTIVITY, ANAEROBIC DENSITY LAYER.
8-7 ULE 8, SEE SITE 1; DEPTH 145 FT.

Parameter Inventory for Station: AMIS0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/74-10/30/74	22	21.3	22.018	27.1	14.8	16.753	4.093	15.09	20.125	25.7	27.
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	05/15/74-08/07/74	3	1.	17.333	50.	1.	800.333	28.29	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	05/15/74-10/30/74	22	91.5	88.109	94.7	78.8	37.372	6.113	80.33	81.2	93.55	93.87
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/15/74-10/30/74	3	126.	97.333	132.	34.	3017.333	54.93	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/74-10/30/74	22	881.5	930.	1654.	684.	63413.333	251.82	685.	730.75	1032.5	1377.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/74-10/30/74	22	984.	979.682	1794.	731.	68046.989	260.858	732.	781.75	999.	1457.4
00300	OXYGEN, DISSOLVED MG/L	05/15/74-10/30/74	21	7.2	5.552	8.	0.4	7.912	2.813	0.6	3.2	7.5	7.8
00400	PH (STANDARD UNITS)	05/15/74-10/30/74	22	7.9	8.044	8.6	7.6	0.113	0.336	7.693	7.79	8.275	8.6
00400	CONVERTED PH (STANDARD UNITS)	05/15/74-10/30/74	22	7.9	7.943	8.6	7.6	0.124	0.352	7.693	7.79	8.275	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/74-10/30/74	22	0.013	0.011	0.025	0.003	0.	0.007	0.003	0.006	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/15/74-10/30/74	13	124.	126.077	148.	117.	125.41	11.199	117.	117.	132.	147.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/74-10/30/74	13	0.04	0.045	0.19	0.01	0.002	0.048	0.01	0.015	0.055	0.138
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/74-10/30/74	13	0.3	0.338	0.5	0.2	0.008	0.087	0.24	0.3	0.4	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/74-10/30/74	13	0.79	0.728	1.63	0.21	0.198	0.445	0.218	0.295	0.885	1.55
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/74-10/30/74	13	0.021	0.019	0.029	0.008	0.	0.006	0.009	0.012	0.024	0.027
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/15/74-10/30/74	13	0.013	0.011	0.018	0.003	0.	0.006	0.003	0.005	0.016	0.018
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	05/15/74-10/30/74	3	2.9	2.767	3.7	1.7	1.013	1.007	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	05/15/74-10/30/74	3	143.	142.667	145.	140.	6.333	2.517	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	21	5	0.24	17	4	0.24	4	1	0.25						
00400	PH	Other-Hi Lim.	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						

& - 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: AMIS0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	8	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: AMIS0058

NPS Station ID: AMIS0058 LAT/LON: 29.536115/-101.252781 Agency: 112WRD Date Created: / /
Location: GOODENOUGH SPRINGS NR COMSTOCK,TEX(DISC) FIPS State/County: 48001 TEXAS/ANDERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 08448500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040212 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 13040212003 RF1 Mile Point: 8.420 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13070008000100.30 RF3 Mile Point: 0.56 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/67-03/06/68	8	28.3	26.038	28.9	9.	47.543	6.895	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/11/67-03/06/68	8	457.	425.125	472.	260.	5021.554	70.863	**	**	**	**
00400	PH (STANDARD UNITS)	01/11/67-03/06/68	8	7.55	7.575	7.8	7.4	0.031	0.175	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/11/67-03/06/68	8	7.547	7.545	7.8	7.4	0.032	0.178	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/67-03/06/68	8	0.028	0.028	0.04	0.016	0.	0.011	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/11/67-03/06/68	8	203.5	184.25	207.	94.	1502.786	38.766	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/11/67-03/06/68	8	248.	224.625	252.	115.	2211.411	47.026	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/11/67-03/06/68	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/11/67-03/06/68	8	232.5	210.375	238.	116.	1709.125	41.342	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/11/67-03/06/68	8	27.	26.375	32.	19.	17.696	4.207	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/67-01/03/68	7	72.	64.714	74.	30.	256.905	16.028	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/67-01/03/68	7	13.	12.143	13.	10.	1.476	1.215	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/67-01/03/68	7	9.9	9.386	11.	7.2	1.561	1.25	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/11/67-01/03/68	7	0.3	0.286	0.3	0.2	0.001	0.038	**	**	**	**
00932	SODIUM, PERCENT	01/11/67-01/03/68	7	8.	8.857	13.	6.	4.81	2.193	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/67-09/07/67	5	1.6	1.62	1.7	1.5	0.007	0.084	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/67-03/06/68	8	10.	10.125	12.	9.	1.268	1.126	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/11/67-01/03/68	7	25.	23.857	26.	20.	5.81	2.41	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/11/67-01/03/68	7	0.5	0.5	0.8	0.3	0.027	0.163	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/11/67-01/03/68	7	15.	14.429	16.	13.	1.286	1.134	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/11/67-09/07/67	5	278.	277.2	282.	268.	29.2	5.404	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/08/67-01/03/68	2	195.5	195.5	237.	154.	3444.5	58.69	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/11/67-01/03/68	7	0.38	0.344	0.38	0.21	0.004	0.063	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/11/67-01/03/68	7	6.4	6.257	7.2	3.8	1.28	1.131	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	8	0	0.00	2	0	0.00	6	0	0.00						
		Other-Lo Lim.	6.5	8	0	0.00	2	0	0.00	6	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	2	0	0.00	6	0	0.00						
		Drinking Water	250.	8	0	0.00	2	0	0.00	6	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: AMIS0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	0	0.00	2	0	0.00	5	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	7	0	0.00	2	0	0.00	5	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	2	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: AMIS0059

NPS Station ID: AMIS0059 LAT/LON: 29.544448/-101.255559 Agency: 21TXWQB Date Created: 07/23/94
Location: AMISTAD RESERVOIR AT INTERNATIONAL BOUNDARY BUOY FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 13215 /2305.0500 /2305.5000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040212 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13040212 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
AMISTAD RESERVOIR AT INTERNATIONAL BOUNDARY BUOY 20

Parameter Inventory for Station: AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	114	20.	20.439	29.1	9.5	33.649	5.801	12.5	15.7	26.525	27.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/28/78-08/20/85	52	68.	67.719	84.4	49.1	126.577	11.251	53.6	55.625	80.9	83.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/13/79-08/21/79	3 ##	5.	6.333	9.	5.	5.333	2.309	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/28/78-03/17/88	12	84.	90.	168.	36.	1354.909	36.809	41.4	63.	112.5	157.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/19/90-07/08/93	7	2.	2.079	3.5	0.25	1.135	1.065	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/04/92-10/13/92	2	360.	360.	368.	352.	128.	11.314	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	121	1150.	1164.413	1488.	920.	25253.178	158.912	980.	1004.5	1300.	1415.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/78-03/17/88	16	1175.5	1371.125	2826.	900.	233803.05	483.532	952.5	1033.75	1599.25	2121.8
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	113	7.6	7.442	11.3	0.2	5.687	2.385	3.88	6.85	9.2	10.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/13/91-10/13/92	3	96.2	97.233	108.	87.5	105.863	10.289	**	**	**	**
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/28/78-11/28/78	2	46250.	46250.	63500.	29000.	595125000.	24395.184	**	**	**	**
00400	PH (STANDARD UNITS)	11/28/78-07/08/93	85	8.2	8.129	8.9	7.25	0.098	0.313	7.7	7.8	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	11/28/78-07/08/93	85	8.2	8.007	8.9	7.25	0.113	0.336	7.7	7.8	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/78-07/08/93	85	0.006	0.01	0.056	0.001	0.	0.009	0.004	0.004	0.016	0.02
00403	PH, LAB, STANDARD UNITS SU	11/28/78-03/17/88	16	8.15	8.044	8.4	7.	0.14	0.374	7.42	7.9	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	11/28/78-03/17/88	16	8.147	7.824	8.4	7.	0.191	0.437	7.42	7.9	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/78-03/17/88	16	0.007	0.015	0.1	0.004	0.001	0.024	0.004	0.005	0.013	0.048
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/28/78-07/08/93	27	134.	136.333	180.	111.	279.615	16.722	113.6	126.	147.	155.4
00480	SALINITY - PARTS PER THOUSAND	03/04/92-03/04/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	08/24/82-07/02/92	8	78050.	75675.	98500.	50500.	239202142.857	15466.161	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/28/78-07/08/93	30	5.	11.633	83.	1.	386.757	19.666	2.	2.5	9.	33.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/28/78-07/08/93	26	2.5	2.981	10.	0.5	5.15	2.269	0.5	1.	5.	6.
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	11/28/78-10/19/88	5	780.	7328.	31600.	400.	185363870.	13614.84	**	**	**	**
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/05/89-07/02/92	4 ##	36.5	77.	210.	25.	7979.333	89.327	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/78-07/08/93	27	0.03	0.065	0.58	0.01	0.013	0.114	0.01	0.01	0.08	0.138
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/05/89-07/08/93	7	0.01	0.026	0.07	0.005	0.001	0.03	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/78-07/08/93	27	0.58	0.552	0.97	0.21	0.035	0.186	0.292	0.43	0.67	0.798
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/86-07/08/93	10	0.465	0.513	0.9	0.4	0.025	0.157	0.4	0.4	0.6	0.87
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/28/78-07/02/92	9	1526.	1743.556	2840.	1011.	390006.028	624.505	1011.	1257.5	2335.	2840.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/04/92-03/04/92	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/28/78-11/13/84	9	0.02	0.046	0.18	0.015	0.003	0.054	0.015	0.015	0.06	0.18
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/28/78-11/13/84	9 ##	0.015	0.014	0.015	0.005	0.	0.003	0.005	0.015	0.015	0.015
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/78-07/08/93	28	0.02	0.036	0.17	0.005	0.002	0.041	0.005	0.01	0.04	0.113
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/28/78-07/02/92	10	737.5	749.1	860.	630.	6236.322	78.97	634.	685.	832.5	858.
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/28/78-07/08/93	24 ##	0.005	0.016	0.07	0.	0.	0.02	0.003	0.005	0.03	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/28/78-07/08/93	24	3.	3.738	19.	0.5	11.602	3.406	2.	2.4	4.	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: AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/13/91-07/02/92	2	248.5	248.5	263.	234.	420.5	20.506	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/78-07/08/93	28	121.5	136.929	276.	53.	2693.328	51.897	85.2	100.	174.25	215.9
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/78-07/08/93	26	262.5	260.462	344.	193.	1487.378	38.567	199.7	233.5	288.25	310.7
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/08/93-07/08/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/13/91-07/02/92	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/28/78-07/02/92	10	8.8	11.46	31.	4.8	64.563	8.035	4.85	7.175	12.65	29.9
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	08/24/82-07/02/92	8	160.	172.375	250.	147.	1085.982	32.954	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/08/93-07/08/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/13/91-07/02/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/78-07/02/92	10 ##	0.3	0.35	0.7	0.25	0.023	0.153	0.25	0.25	0.4	0.685
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/78-07/02/92	10	15.	15.29	22.	9.9	17.908	4.232	9.91	12.25	18.25	22.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/93-07/08/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/13/91-07/02/92	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/93-07/08/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/13/91-07/02/92	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/28/78-07/02/92	10	15.5	15.4	18.	12.	5.378	2.319	12.1	13.	18.	18.
01049	LEAD, DISSOLVED (UG/L AS PB)	07/08/93-07/08/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/13/91-07/02/92	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/28/78-07/02/92	10	13.5	13.85	21.	9.5	9.225	3.037	9.75	12.	14.5	20.5
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/28/78-07/02/92	10	425.5	458.6	640.	362.	10193.6	100.963	362.6	377.	571.	634.
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/93-07/08/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/13/91-07/02/92	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/78-07/02/92	10	16.	16.	20.	13.	4.667	2.16	13.1	14.	18.	19.8
01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/93-07/08/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	03/13/91-07/02/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	11/28/78-07/02/92	8 ##	0.5	0.96	2.7	0.25	0.922	0.96	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/93-07/08/93	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/13/91-07/02/92	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/28/78-07/02/92	10	72.	70.3	82.	55.	89.567	9.464	55.3	61.	78.5	81.8
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/08/93-07/08/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	03/13/91-07/02/92	2 ##	5.5	5.5	10.	1.	40.5	6.364	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/28/78-07/02/92	10	0.98	1.215	3.5	0.3	0.818	0.905	0.33	0.668	1.475	3.32
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	20 ##	1.	4.575	52.	0.5	128.297	11.327	0.5	0.625	5.	5.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	20 ##	0.	0.219	1.716	-0.301	0.272	0.522	-0.301	-0.226	0.699	0.77
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.657								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/28/78-07/08/93	24 ##	1.1	1.591	5.	0.5	1.132	1.064	0.5	1.	2.	2.95
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/28/78-07/08/93	24 ##	1.	1.742	17.	0.	11.276	3.358	0.	0.5	2.	2.65
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	1950.	1950.	1950.	1950.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	06/19/90-07/02/92	3 ##	1.25	1.333	1.5	1.25	0.021	0.144	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34384	FLUORENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	3900.	3900.	3900.	3900.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	07/02/92-07/02/92	1 ##	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	07/02/92-07/02/92	1 ##	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	07/02/92-07/02/92	1 ##	390.	390.	390.	390.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/13/91-03/13/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	06/26/86-07/02/92	6 ##	2.5	502.083	3000.	2.5	1497501.042	1223.724	**	**	**	**
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	06/26/86-10/19/88	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	06/26/86-10/19/88	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	06/26/86-10/19/88	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	06/26/86-07/02/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	08/24/82-07/02/92	2 ##	325.	325.	500.	150.	61250.	247.487	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	08/24/82-07/02/92	2 ##	285.	285.	500.	70.	92450.	304.056	**	**	**	**
39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	07/02/92-07/02/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-10/19/88	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-10/19/88	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-10/19/88	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-10/19/88	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-10/19/88	3	3.	2.317	3.2	0.75	1.851	1.36	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/26/86-10/19/88	3 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	9 ##	0.5	0.472	0.5	0.25	0.007	0.083	0.25	0.5	0.5	0.5
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/13/91-03/13/91	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/28/78-07/02/92	9 ##	3.	4.444	10.	1.5	10.965	3.311	1.5	2.25	7.5	10.
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	9 ##	3.	2.611	4.	1.5	0.799	0.894	1.5	1.5	3.	4.
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	9 ##	3.	3.333	11.	0.75	9.576	3.094	0.75	1.5	3.775	11.
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	9 ##	3.	2.833	4.	1.5	0.437	0.661	1.5	2.5	3.	4.
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/28/78-07/02/92	9 ##	1.	1.111	1.5	1.	0.049	0.22	1.	1.	1.25	1.5
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/02/92-07/02/92	1 ##	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	9 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/28/78-07/02/92	9 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	9 ##	0.25	0.306	0.5	0.25	0.012	0.11	0.25	0.25	0.375	0.5
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/28/78-07/02/92	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/28/78-07/02/92	9 ##	5.	6.111	10.	5.	4.861	2.205	5.	5.	7.5	10.
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/02/92-07/02/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/02/92-07/02/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/02/92-07/02/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/02/92-07/02/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/02/92-07/02/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/02/92-07/02/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/02/92-07/02/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/78-03/13/91	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/82-07/02/92	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.125	0.125	0.125	0.125	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	9 ##	1.5	1.722	2.5	1.5	0.194	0.441	1.5	1.5	2.	2.5
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/78-07/02/92	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/02/92-07/02/92	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	11/28/78-10/19/88	6 ##	1.5	1.833	2.5	1.5	0.267	0.516	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	06/26/86-07/02/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/86-07/02/92	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/86-07/02/92	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/78-07/02/92	6 ##	5.	6.667	10.	5.	6.667	2.582	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	03/13/91-03/13/91	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/78-07/02/92	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	07/02/92-07/02/92	1 ##	1950.	1950.	1950.	1950.	0.	0.	**	**	**	**
46290	BETA BHC IN SOIL (NG/G DRY WGT)	07/02/92-07/02/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	07/02/92-07/02/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/28/78-11/13/84	7	604.	632.857	720.	584.	2659.81	51.573	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/08/93-07/08/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/13/91-07/02/92	2 ##	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/28/78-07/02/92	10	0.05	0.06	0.1	0.03	0.	0.021	0.032	0.05	0.08	0.098

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

Parameter Inventory for Station: AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
72025	DEPTH OF POND OR RESERVOIR IN FEET	11/28/78-03/04/92	6	141.	141.333	151.	130.	71.067	8.43	**	**	**	**
73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	07/02/92-07/02/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	07/02/92-07/02/92	1 ##	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	07/02/92-07/02/92	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
79800	MIREX SEDIMENT,DRY,WT,UG/KG	07/02/92-07/02/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	07/02/92-07/02/92	1	34.6	34.6	34.6	34.6	0.	0.	**	**	**	**
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	07/02/92-07/02/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	07/02/92-07/02/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	07/02/92-07/02/92	1	7192.	7192.	7192.	7192.	0.	0.	**	**	**	**
82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	07/02/92-07/02/92	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	3	0	0.00	1	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	113	12	0.11	48	10	0.21	65	2	0.03						
00400	PH	Other-Hi Lim.	9.	85	0	0.00	35	0	0.00	50	0	0.00						
		Other-Lo Lim.	6.5	85	0	0.00	35	0	0.00	50	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	16	0	0.00	4	0	0.00	12	0	0.00						
		Other-Lo Lim.	6.5	16	0	0.00	4	0	0.00	12	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	7	0	0.00	3	0	0.00	4	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	27	0	0.00	9	0	0.00	18	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.	28	0	0.00	10	0	0.00	18	0	0.00						
		Drinking Water	250.	28	1	0.04	10	0	0.00	18	1	0.06						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	26	16	0.62	9	6	0.67	17	10	0.59						
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									
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5.	2	0	0.00	1	0	0.00	1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	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						
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									
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						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	15.	2	0	0.00	1	0	0.00	1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	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						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	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: AMIS0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
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.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	0	0.00	9	0	0.00	11	0	0.00						
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	1.	0 &	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	0 &	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	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	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						
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						
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	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	2.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Annual Analysis for 1978 - Station AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	4	18.	17.875	18.	17.5	0.063	0.25	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	4	940.	935.	940.	920.	100.	10.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	3	7.6	7.633	7.8	7.5	0.023	0.153	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	14	22.	20.321	27.5	9.5	53.254	7.298	9.5	10.375	27.125	27.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	14	1000.	1020.714	1200.	970.	5884.066	76.708	975.	980.	1000.	1200.
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	14	7.2	7.864	10.	5.6	2.15	1.466	6.05	7.175	9.925	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

Annual Analysis for 1981 - Station AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	4	19.	19.125	19.5	19.	0.063	0.25	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	5	1000.	986.	1000.	950.	480.	21.909	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	4	7.7	7.9	8.6	7.6	0.22	0.469	**	**	**	**

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

Annual Analysis for 1982 - Station AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	17	12.5	17.588	28.5	12.	51.726	7.192	12.	12.5	27.75	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	18	1200.	1227.778	1300.	1200.	2124.183	46.089	1200.	1200.	1300.	1300.
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	14	6.2	6.329	10.5	0.7	13.353	3.654	0.9	2.05	9.625	10.45

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

Annual Analysis for 1984 - Station AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	7	20.	20.	20.	20.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	7	1150.	1142.857	1200.	1100.	2023.81	44.987	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	7	8.1	7.957	8.1	7.7	0.033	0.181	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	6	28.5	27.383	29.1	21.8	7.85	2.802	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	7	1182.	1179.571	1210.	1147.	343.619	18.537	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	7	7.1	5.129	7.8	0.2	11.496	3.391	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	9	26.	21.833	27.	16.	30.688	5.54	16.	16.	26.5	27.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	9	1200.	1244.444	1350.	1150.	10277.778	101.379	1150.	1150.	1350.	1350.
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	9	7.	7.4	9.8	3.1	6.943	2.635	3.1	5.2	9.8	9.8

** - 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 1987 - Station AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	4	17.05	17.05	17.1	17.	0.003	0.058	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	5	1474.	1474.8	1488.	1463.	88.7	9.418	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	5	9.3	9.28	9.4	9.1	0.017	0.13	**	**	**	**

** - 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 1988 - Station AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	4	13.5	16.225	24.4	13.5	29.702	5.45	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	4	1428.	1396.75	1431.	1300.	4162.25	64.516	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	4	10.15	9.825	11.	8.	1.643	1.282	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	7	16.1	15.643	16.5	14.4	0.656	0.81	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	7	1350.	1346.571	1400.	1309.	865.619	29.421	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	6	9.05	9.267	9.9	8.9	0.179	0.423	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	6	27.5	27.433	27.7	27.1	0.059	0.242	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	6	1409.5	1409.833	1428.	1393.	254.967	15.968	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	6	7.3	7.2	7.9	6.3	0.344	0.587	**	**	**	**

** - 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

Annual Analysis for 1991 - Station AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	8	21.25	21.263	26.6	14.	27.388	5.233	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	10	1123.	1130.5	1390.	1012.	11930.722	109.228	1012.5	1034.25	1164.75	1369.8
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	10	7.15	6.4	10.5	2.8	6.138	2.477	2.92	4.075	7.9	10.33

** - 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 box-and-whisker plot

Annual Analysis for 1992 - Station AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	22	23.85	21.127	29.	13.6	25.561	5.056	13.98	15.3	24.	28.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	23	1057.	1058.	1451.	933.	10921.	104.504	969.2	995.	1076.	1176.2
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	22	7.4	7.741	11.3	2.1	5.043	2.246	3.5	7.3	9.375	10.48

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	2	27.8	27.8	27.9	27.7	0.02	0.141	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	2	946.	946.	946.	946.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	2	5.4	5.4	5.5	5.3	0.02	0.141	**	**	**	**

** - Less than 9 observations ## - Computed 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: 6/10 to 10/31 - Station AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	47	27.	25.747	29.1	15.	11.322	3.365	21.66	24.	27.7	28.62
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/28/78-08/20/85	19	81.5	78.158	84.4	59.	72.95	8.541	59.	77.9	83.3	84.2
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/28/78-03/17/88	3	72.	86.	114.	72.	588.	24.249	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	50	1150.	1146.18	1428.	933.	17736.436	133.178	971.	1060.	1200.	1393.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/78-03/17/88	4	1173.5	1236.75	1700.	900.	126702.25	355.953	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	48	7.05	5.875	8.1	0.2	5.248	2.291	1.28	5.15	7.3	7.71
00400	PH (STANDARD UNITS)	11/28/78-07/08/93	35	8.1	8.073	8.9	7.25	0.148	0.385	7.58	7.8	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	11/28/78-07/08/93	35	8.1	7.91	8.9	7.25	0.175	0.418	7.58	7.8	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/78-07/08/93	35	0.008	0.012	0.056	0.001	0.	0.012	0.004	0.004	0.016	0.028
00403	PH, LAB, STANDARD UNITS SU	11/28/78-03/17/88	4	7.9	7.8	8.4	7.	0.4	0.632	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/28/78-03/17/88	4	7.804	7.47	8.4	7.	0.545	0.738	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/78-03/17/88	4	0.016	0.034	0.1	0.004	0.002	0.045	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/28/78-07/08/93	10	126.	129.2	149.	111.	254.844	15.964	111.1	113.5	146.25	148.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/28/78-07/08/93	10	5.	14.8	83.	2.	623.678	24.974	2.05	2.5	17.25	77.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/28/78-07/08/93	9	2.5	3.222	10.	0.5	8.132	2.852	0.5	1.5	4.	10.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/78-07/08/93	9	0.03	0.048	0.21	0.01	0.004	0.063	0.01	0.01	0.05	0.21
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/78-07/08/93	9	0.45	0.503	0.97	0.21	0.057	0.239	0.21	0.32	0.68	0.97
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/78-07/08/93	10	0.025	0.044	0.17	0.01	0.002	0.049	0.01	0.01	0.063	0.16
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/28/78-07/08/93	9 ##	0.005	0.022	0.06	0.	0.001	0.023	0.	0.005	0.04	0.06
00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/78-07/08/93	10	123.5	132.5	198.	53.	2025.389	45.004	56.5	106.	171.25	196.9
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/78-07/08/93	9	274.	270.556	317.	222.	1120.028	33.467	222.	237.5	300.	317.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	9 ##	1.	7.389	52.	0.5	283.299	16.831	0.5	0.5	5.	52.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	9 ##	0.	0.246	1.716	-0.301	0.456	0.676	-0.301	-0.301	0.699	1.716
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.761								

** - 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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/78-07/08/93	67	16.2	16.715	26.6	9.5	15.58	3.947	12.	13.6	19.5	22.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/28/78-08/20/85	33	64.4	61.709	72.	49.1	58.748	7.665	50.36	54.5	68.	71.48
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/28/78-03/17/88	9	96.	91.333	168.	36.	1708.	41.328	36.	57.	120.	168.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/28/78-07/08/93	71	1157.	1177.254	1488.	920.	30470.963	174.559	980.4	1000.	1350.	1430.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/78-03/17/88	12	1175.5	1415.917	2826.	975.	275512.447	524.893	977.7	1070.	1599.25	2524.2
00300	OXYGEN, DISSOLVED MG/L	11/28/78-07/08/93	65	9.	8.6	11.3	2.8	2.895	1.701	6.98	7.7	9.85	10.28
00400	PH (STANDARD UNITS)	11/28/78-07/08/93	50	8.2	8.168	8.6	7.7	0.062	0.249	7.7	8.1	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	11/28/78-07/08/93	50	8.2	8.09	8.6	7.7	0.068	0.261	7.7	8.1	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/78-07/08/93	50	0.006	0.008	0.02	0.003	0.	0.006	0.004	0.004	0.008	0.02
00403	PH, LAB, STANDARD UNITS SU	11/28/78-03/17/88	12	8.15	8.125	8.4	7.6	0.053	0.23	7.69	7.95	8.3	8.37
00403	CONVERTED PH, LAB, STANDARD UNITS	11/28/78-03/17/88	12	8.147	8.06	8.4	7.6	0.058	0.24	7.69	7.95	8.3	8.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/78-03/17/88	12	0.007	0.009	0.025	0.004	0.	0.006	0.004	0.005	0.011	0.021
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/28/78-07/08/93	17	139.	140.529	180.	120.	260.515	16.14	122.4	128.	148.	171.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/28/78-07/08/93	20	5.	10.05	74.	1.	286.971	16.94	1.1	2.5	7.5	32.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/28/78-07/08/93	17	2.5	2.853	6.	0.5	3.93	1.982	0.5	1.	5.	6.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/78-07/08/93	18	0.025	0.074	0.58	0.01	0.018	0.133	0.01	0.01	0.103	0.166
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/78-07/08/93	18	0.595	0.576	0.87	0.3	0.024	0.156	0.309	0.483	0.678	0.789
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/78-07/08/93	18	0.02	0.032	0.14	0.005	0.001	0.037	0.005	0.009	0.033	0.113
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/28/78-07/08/93	15 ##	0.005	0.013	0.07	0.	0.	0.018	0.003	0.005	0.01	0.046
00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/78-07/08/93	18	118.5	139.389	276.	69.	3187.428	56.457	85.2	97.5	180.5	229.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/78-07/08/93	17	260.	255.118	344.	193.	1676.36	40.943	197.8	220.5	280.5	311.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	11 ##	1.	2.273	6.	0.5	4.168	2.042	0.5	1.	5.	5.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/28/78-07/08/93	11 ##	0.	0.198	0.778	-0.301	0.151	0.389	-0.301	0.	0.699	0.762
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.577								

** - 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 box-and-whisker plot

Station Inventory for Station: AMIS0060

NPS Station ID: AMIS0060 LAT/LON: 29.583338/-101.294449 Agency: 21TEXWR Date Created: 11/16/78
Location: HORSESHOE BEND ABOVE COMSTOCK FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): IMS21-12
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13040212 Depth of Water: 999 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040212003 RF1 Mile Point: 23.940 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13040212005800.00 RF3 Mile Point: 0.16 Distance from RF3: 0.01 On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM AMISTAD RESERVOIR AT HORSESHOE BEND ABOVE COMSTOCK

Parameter Inventory for Station: AMIS0060

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)	02/20/74-02/20/74	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/20/74-02/20/74	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/74-02/20/74	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/20/74-02/20/74	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/20/74-02/20/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/20/74-02/20/74	1	23.	23.	23.	23.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/20/74-02/20/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/20/74-02/20/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/20/74-02/20/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

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

Station Inventory for Station: AMIS0061

NPS Station ID: AMIS0061
LAT/LON: 29.782503/-101.347781
Agency: 21TXWQB
Date Created: 07/23/94
Location: AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-R
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): 13218 /2305.4200 /2305.42000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: Rio Grande River Basin
ECO Region: 24M
RF1 Index: 13070008
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:
AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-RESERVOIR@ AT CONFLUENCE WITH MOUTH OF DEAD MANS CANYON

Parameter Inventory for Station: AMIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/86-12/14/86	10	12.35	11.96	12.7	10.	0.985	0.992	10.02	11.7	12.525	12.69
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/11/86-12/14/86	4	56.5	57.	70.	45.	112.667	10.614	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/11/86-12/14/86	13	2020.	2864.231	4670.	1935.	1387132.692	1177.766	1961.	2005.	4295.	4658.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/14/86-12/14/86	1	2336.	2336.	2336.	2336.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/11/86-12/14/86	11	10.	10.209	10.9	9.6	0.271	0.52	9.6	9.8	10.8	10.9
00400	PH (STANDARD UNITS)	12/11/86-12/14/86	12	8.3	8.283	8.5	8.1	0.012	0.111	8.13	8.2	8.375	8.47
00400	CONVERTED PH (STANDARD UNITS)	12/11/86-12/14/86	12	8.3	8.271	8.5	8.1	0.013	0.112	8.13	8.2	8.375	8.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/86-12/14/86	12	0.005	0.005	0.008	0.003	0.	0.001	0.003	0.004	0.006	0.007
00403	PH, LAB, STANDARD UNITS SU	12/14/86-12/14/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/14/86-12/14/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/14/86-12/14/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/14/86-12/14/86	1	166.	166.	166.	166.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/14/86-12/14/86	1	203.	203.	203.	203.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/14/86-12/14/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/14/86-12/14/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/14/86-12/14/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/14/86-12/14/86	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/14/86-12/14/86	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/86-12/14/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/86-12/14/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/14/86-12/14/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/14/86-12/14/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/14/86-12/14/86	1	111.	111.	111.	111.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/14/86-12/14/86	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/14/86-12/14/86	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/14/86-12/14/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/14/86-12/14/86	1	329.	329.	329.	329.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/14/86-12/14/86	1	337.	337.	337.	337.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/14/86-12/14/86	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/14/86-12/14/86	1	15.	15.	15.	15.	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/86-12/14/86	1	15.	15.	15.	15.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/86-12/14/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/14/86-12/14/86	1	1216.	1216.	1216.	1216.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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				11	0	0.00						
00400	PH	Other-Hi Lim.	9.	12	0	0.00				12	0	0.00						
		Other-Lo Lim.	6.5	12	0	0.00				12	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	1	1.00				1	1	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: AMIS0062

NPS Station ID: AMIS0062
LAT/LON: 29.783337/-101.350003
Agency: 21TEXWR
Date Created: 01/29/79
Location: PECOS R. 6 MIS UPSTM OF HGWY 90
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 23109901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13070008
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: UPPER PECOS RIVER
ECO Region:
RF1 Index: 13070008001
RF1 Mile Point: 7.860
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 13040302000505.33
RF3 Mile Point: 6.32
Distance from RF3: 0.39
On/Off RF3:
Description:
DATA FROM TEXAS DEPARTMENT OF WATER RESOURCES SAMPLES ANALYZED FOR TOXICS
SAMPLE TAKEN FROM PECOS RIVER 6 MILES UPSTREAM OF HIGHWAY 90 BRIDGE, ABO VE OLD RAILROAD BRIDGE

Parameter Inventory for Station: AMIS0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	11/06/76-11/06/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/06/76-10/06/76	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/06/76-11/06/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/76-10/06/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/76-10/06/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/06/76-11/06/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/06/76-11/06/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/06/76-10/06/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/06/76-11/06/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/06/76-11/06/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/06/76-10/06/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/06/76-10/06/76	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/06/76-11/06/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/06/76-11/06/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/76-10/06/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/06/76-10/06/76	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/06/76-11/06/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/06/76-10/06/76	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/06/76-11/06/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/06/76-10/06/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/06/76-10/06/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/06/76-10/06/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/06/76-10/06/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/06/76-10/06/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/06/76-10/06/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	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: AMIS0062

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)	10/06/76-10/06/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	10/06/76-10/06/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/06/76-11/06/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/06/76-10/06/76	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
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						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
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: AMIS0063

NPS Station ID: AMIS0063 LAT/LON: 29.707505/-101.352782 Agency: 21TXWQB Date Created: 07/23/94
Location: AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ 200 M FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 13216 /2305.4050 /2305.40500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13070008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13070008 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ 200 M DOWNSTREAM FROM US 90 RIDGE@ AT MID-RESERVOIR END OF BOAT DOCK@ PECOS RA

Parameter Inventory for Station: AMIS0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/13/86-12/13/86	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/11/86-12/13/86	2	29.	29.	34.	24.	50.	7.071	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/13/86-12/13/86	1	1680.	1680.	1680.	1680.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/13/86-12/13/86	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/13/86-12/13/86	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/13/86-12/13/86	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/86-12/13/86	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: AMIS0064

NPS Station ID: AMIS0064 | LAT/LON: 29.758337/-101.357226 | Agency: 21TXWQB | Date Created: 07/23/94
Location: AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-R | FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): 13217 /2305.4100 /2305.41000
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 13070008 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: Rio Grande River Basin | ECO Region: 24M
RF1 Index: 13070008 | RF1 Mile Point: 0.000 | Distance from RF1: 2.80 | On/Off RF1:
RF3 Index: 13040302001116.18 | RF3 Mile Point: 16.18 | Distance from RF3: 0.00 | On/Off RF3:
Description:
AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-RESERVOIR@ UNDERNEATH SO THERN PACIFIC RR BRIDGE

Parameter Inventory for Station: AMIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/13/86-12/14/86	10	12.6	12.32	12.7	11.	0.346	0.588	11.05	12.1	12.7	12.7
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/13/86-12/14/86	2	67.	67.	71.	63.	32.	5.657	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/13/86-12/14/86	10	2315.	2919.5	4430.	1895.	1293433.833	1137.292	1899.4	1943.5	4207.5	4428.
00300	OXYGEN, DISSOLVED MG/L	12/13/86-12/14/86	10	9.55	9.55	10.	9.2	0.058	0.242	9.21	9.375	9.725	9.98
00400	PH (STANDARD UNITS)	12/13/86-12/14/86	10	8.3	8.28	8.4	8.1	0.013	0.114	8.1	8.175	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	12/13/86-12/14/86	10	8.3	8.266	8.4	8.1	0.013	0.114	8.1	8.175	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/86-12/14/86	10	0.005	0.005	0.008	0.004	0.	0.002	0.004	0.004	0.007	0.008

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

EPA Water Quality Criteria Analysis for Station: AMIS0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	10	0	0.00				10	0	0.00						
00400	PH	Other-Hi Lim.	9.	10	0	0.00				10	0	0.00						
		Other-Lo Lim.	6.5	10	0	0.00				10	0	0.00						

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

Station Inventory for Station: AMIS0065

NPS Station ID: AMIS0065
LAT/LON: 29.708338/-101.366671
Agency: 21TEXWR
Date Created: 01/29/79
Location: MOUTH OF PECOS R. AT CONFL. WITH
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 23109902
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13070008
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: UPPER PECOS RIVER
ECO Region:
RF1 Index: 13070008001
RF1 Mile Point: 0.730
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13070008003200.00
RF3 Mile Point: 8.12
Distance from RF3: 0.01
On/Off RF3:
Description:
DATA FROM TEXAS DEPARTMENT OF WATER RESOURCES SAMPLES ANALYZED FOR TOXICS
SAMPLE TAKEN FROM MOUTH OF PECOS RIVER AT CONFLUENCE WITH RIO GRANDE NEA R LANGTRY

Parameter Inventory for Station: AMIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	10/06/76-10/06/76	4	1.4	1.5	2.4	0.8	0.607	0.779	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	10/06/76-10/06/76	4	14.3	14.625	16.6	13.3	2.196	1.482	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/06/76-10/06/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/06/76-10/06/76	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/06/76-10/06/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/76-10/06/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/76-10/06/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/06/76-10/06/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/06/76-10/06/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/06/76-10/06/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/06/76-10/06/76	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/76-10/06/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/06/76-10/06/76	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/06/76-10/06/76	1	45.	45.	45.	45.	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	10/06/76-10/06/76	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	10/06/76-10/06/76	4 ##	0.006	0.006	0.01	0.002	0.	0.005	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	10/06/76-10/06/76	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/06/76-10/06/76	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/06/76-10/06/76	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/06/76-10/06/76	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/06/76-10/06/76	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39105	PERCENT FAT HEXANE EXTRACTION	10/06/76-10/06/76	4	2.9	3.85	6.8	2.8	3.877	1.969	**	**	**	**
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/06/76-10/06/76	4	0.3	0.308	0.44	0.19	0.014	0.117	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	10/06/76-10/06/76	4 ##	0.003	0.004	0.01	0.003	0.	0.004	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	10/06/76-10/06/76	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	10/06/76-10/06/76	4 ##	0.002	0.006	0.02	0.002	0.	0.009	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/06/76-10/06/76	4	0.21	0.233	0.37	0.14	0.01	0.099	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	10/06/76-10/06/76	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	10/06/76-10/06/76	4 ##	0.001	0.003	0.01	0.001	0.	0.005	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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Parameter Inventory for Station: AMIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/06/76-10/06/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/06/76-10/06/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	1 ##	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/06/76-10/06/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/06/76-10/06/76	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/06/76-10/06/76	4 ##	0.002	0.004	0.01	0.002	0.	0.004	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/06/76-10/06/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/06/76-10/06/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	10/06/76-10/06/76	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/06/76-10/06/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	10/06/76-10/06/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/06/76-10/06/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/06/76-10/06/76	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/06/76-10/06/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/06/76-10/06/76	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/76-10/06/76	4	0.065	0.07	0.11	0.04	0.001	0.029	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/06/76-10/06/76	4	0.19	0.19	0.25	0.13	0.003	0.059	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/76-10/06/76	4	1.025	1.023	2.02	0.02	1.327	1.152	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/06/76-10/06/76	4	4.5	4.5	5.	4.	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

EPA Water Quality Criteria Analysis for Station: AMIS0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
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									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	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: AMIS0066

NPS Station ID: AMIS0066 | LAT/LON: 29.697226/-101.372226 | Agency: 11EPALES | Date Created: / /
Location: AMISTAD LAKE | FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 480104
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 13040212 | Depth of Water: 80 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 13040212012 | RF1 Mile Point: 9.780 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 13040212012600.00 | RF3 Mile Point: 3.40 | Distance from RF3: 0.01 | On/Off RF3:
Description:
AT JCT OF PECOS AND RIO GRANDE; 155 DEGREES FR POINT AT JCT (N) 300 YDS. COMMENTS: 3-6 ULE 4-5; INTEGRATE FR 40 FT; VERY CONDUCTIVE BOTTOM WATER (SLIGHTLY WAVEY); VERY STEEP CLIFFS; DENSITY LAYER ABOVE BOTTOM WATER; NO BEACHES ALONG SHORE. 5-15 ULE 11, TOO OVERCAST FOR LIGHT METER; DEPTH 78 FT. 8-7 ULE 8, DEPTH 76 FT. 10-30 ULE 18, NO VISIBLE AQUATICS; LIME

Parameter Inventory for Station: AMIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/74-10/30/74	21	21.4	21.262	27.3	13.4	25.441	5.044	13.72	15.55	26.3	27.2
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	08/07/74-10/30/74	4	25.5	25.5	50.	1.	800.333	28.29	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/06/74-10/30/74	21	90.5	86.952	96.	60.6	73.138	8.552	78.68	79.8	91.9	96.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/06/74-10/30/74	4	87.	109.5	228.	36.	6825.	82.614	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/06/74-10/30/74	21	963.	1035.381	1875.	815.	59516.848	243.961	832.	884.5	1126.	1378.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/06/74-10/30/74	21	1037.	1116.81	2375.	941.	99147.662	314.877	946.4	992.	1071.	1475.
00300	OXYGEN, DISSOLVED MG/L	03/06/74-10/30/74	20	7.	6.6	9.6	0.4	4.4	2.098	3.04	5.8	7.35	9.36
00400	PH (STANDARD UNITS)	03/06/74-10/30/74	21	8.	8.026	8.4	7.45	0.062	0.25	7.622	7.91	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	03/06/74-10/30/74	21	8.	7.953	8.4	7.45	0.068	0.261	7.622	7.91	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/74-10/30/74	21	0.01	0.011	0.035	0.004	0.	0.008	0.004	0.006	0.012	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/06/74-10/30/74	17	151.	149.588	178.	108.	211.882	14.556	130.4	143.	157.5	164.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/06/74-10/30/74	17	0.04	0.068	0.36	0.02	0.007	0.084	0.02	0.02	0.1	0.184
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/06/74-10/30/74	17	0.3	0.365	0.9	0.1	0.04	0.2	0.18	0.2	0.45	0.74
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/06/74-10/30/74	17	0.64	0.755	1.68	0.35	0.093	0.305	0.478	0.585	0.97	1.128
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/06/74-10/30/74	17	0.021	0.02	0.045	0.006	0.	0.01	0.008	0.013	0.024	0.039
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/06/74-10/30/74	17	0.009	0.011	0.02	0.003	0.	0.006	0.004	0.006	0.019	0.02
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/06/74-10/30/74	4	2.25	2.575	4.3	1.5	1.583	1.258	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	03/06/74-10/30/74	4	79.	78.5	80.	76.	3.667	1.915	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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	11	0	0.00	9	2	0.22						
00400	PH	Other-Hi Lim.	9.	21	0	0.00	10	0	0.00	11	0	0.00						
		Other-Lo Lim.	6.5	21	0	0.00	10	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

EPA Water Quality Criteria Analysis for Station: AMIS0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	17	0	0.00	6	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

Station Inventory for Station: AMIS0067

NPS Station ID: AMIS0067 LAT/LON: 29.809448/-101.372782 Agency: 21TXWQB Date Created: 07/23/94
Location: AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-R FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 13219 /2305.4300 /2305.43000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13070008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13070008 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-RESERVOIR@ 7.1 RIVER KM PSTREAM FROM THE SOUTHERN PACIFIC RR BRIDGE

Parameter Inventory for Station: AMIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/09/86-12/14/86	9	10.9	11.211	15.	9.	3.101	1.761	9.	10.	12.15	15.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/09/86-12/09/86	1	313.	313.	313.	313.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/09/86-12/14/86	5	48.	53.2	62.	48.	51.2	7.155	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/11/86-12/14/86	11	4750.	4224.545	4910.	2400.	1000787.273	1000.394	2438.	3080.	4840.	4908.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/09/86-12/14/86	2	2817.5	2817.5	3171.	2464.	249924.5	499.924	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/09/86-12/14/86	10	10.65	10.52	12.	9.2	0.588	0.767	9.26	9.875	10.925	11.9
00400	PH (STANDARD UNITS)	12/09/86-12/14/86	11	8.2	8.236	8.4	8.1	0.015	0.121	8.1	8.1	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	12/09/86-12/14/86	11	8.2	8.222	8.4	8.1	0.015	0.122	8.1	8.1	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/09/86-12/14/86	11	0.006	0.006	0.008	0.004	0.	0.002	0.004	0.004	0.008	0.008
00403	PH, LAB, STANDARD UNITS SU	12/09/86-12/14/86	2	8.25	8.25	8.4	8.1	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/09/86-12/14/86	2	8.225	8.225	8.4	8.1	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/09/86-12/14/86	2	0.006	0.006	0.008	0.004	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/09/86-12/14/86	2	166.	166.	167.	165.	2.	1.414	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/09/86-12/14/86	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/09/86-12/14/86	2 ##	2.75	2.75	3.	2.5	0.125	0.354	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/09/86-12/14/86	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/09/86-12/14/86	2	0.52	0.52	0.54	0.5	0.001	0.028	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/86-12/14/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/09/86-12/14/86	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/09/86-12/14/86	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/09/86-12/14/86	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/09/86-12/14/86	2	431.	431.	513.	349.	13448.	115.966	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/09/86-12/14/86	2	378.5	378.5	413.	344.	2380.5	48.79	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/86-12/14/86	2	18.5	18.5	22.	15.	24.5	4.95	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/86-12/14/86	2 ##	7.	7.	13.	1.	72.	8.485	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/14/86-12/14/86	1	1642.	1642.	1642.	1642.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	10	0	0.00				10	0	0.00						
00400	PH	Other-Hi Lim.	9.	11	0	0.00				11	0	0.00						
		Other-Lo Lim.	6.5	11	0	0.00				11	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00				2	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00				2	0	0.00						
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	2	1.00				2	2	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	2	1.00				2	2	1.00						

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

Station Inventory for Station: AMIS0068

NPS Station ID: AMIS0068 LAT/LON: 29.796949/-101.386670 Agency: 21TXWQB Date Created: 07/23/94
Location: AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-R FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 13220 /2305.4400 /2305.44000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13070008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13070008 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-RESERVOIR@ 9.0 RIVER KM PSTREAM FROM THE SOUTHERN PACIFIC RR BRIDGE

Parameter Inventory for Station: AMIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/09/86-12/14/86	11	11.5	11.773	15.	9.	6.332	2.516	9.	9.1	14.5	15.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/09/86-12/10/86	4	314.	313.75	314.	313.	0.25	0.5	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/09/86-12/14/86	6	38.	39.333	49.	26.	77.467	8.802	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/10/86-12/14/86	12	4800.	4539.167	4960.	3600.	298044.697	545.935	3606.	3970.	4820.	4960.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/09/86-12/14/86	5	6355.	6175.4	6437.	5580.	122023.3	349.318	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/09/86-12/14/86	11	10.5	10.327	12.	8.7	0.918	0.958	8.74	9.6	10.9	11.8
00400	PH (STANDARD UNITS)	12/09/86-12/14/86	12	8.2	8.238	8.7	8.1	0.027	0.164	8.1	8.125	8.275	8.595
00400	CONVERTED PH (STANDARD UNITS)	12/09/86-12/14/86	12	8.2	8.215	8.7	8.1	0.027	0.166	8.1	8.125	8.275	8.595
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/09/86-12/14/86	12	0.006	0.006	0.008	0.002	0.	0.002	0.003	0.005	0.008	0.008
00403	PH, LAB, STANDARD UNITS SU	12/09/86-12/14/86	5	8.3	8.22	8.3	7.9	0.032	0.179	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/09/86-12/14/86	5	8.3	8.185	8.3	7.9	0.034	0.183	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/09/86-12/14/86	5	0.005	0.007	0.013	0.005	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/09/86-12/14/86	5	155.	157.	163.	154.	15.5	3.937	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/14/86-12/14/86	1	201.	201.	201.	201.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/14/86-12/14/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/09/86-12/14/86	5 ##	2.5	4.1	7.	2.5	4.925	2.219	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/09/86-12/14/86	5 ##	2.5	2.9	4.	2.5	0.425	0.652	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/09/86-12/14/86	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/09/86-12/14/86	5	0.69	0.728	0.88	0.69	0.007	0.085	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/86-12/14/86	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/09/86-12/14/86	5	0.03	0.032	0.04	0.03	0.	0.004	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/09/86-12/14/86	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/09/86-12/14/86	5	5.	5.2	6.	4.	0.7	0.837	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/14/86-12/14/86	1	134.	134.	134.	134.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/14/86-12/14/86	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/14/86-12/14/86	1	363.	363.	363.	363.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/14/86-12/14/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/09/86-12/14/86	5	1212.	1168.2	1228.	1021.	7508.7	86.653	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/09/86-12/14/86	5	720.	706.	734.	645.	1298.5	36.035	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/14/86-12/14/86	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/14/86-12/14/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/86-12/14/86	5	56.	67.6	98.	55.	354.3	18.823	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/86-12/14/86	5 ##	1.	20.6	99.	1.	1920.8	43.827	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/14/86-12/14/86	1	3040.	3040.	3040.	3040.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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				11	0	0.00						
00400	PH	Other-Hi Lim.	9.	12	0	0.00				12	0	0.00						
		Other-Lo Lim.	6.5	12	0	0.00				12	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	5	0	0.00				5	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00				5	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00				5	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	5	1.00				5	5	1.00						
		Drinking Water	250.	5	5	1.00				5	5	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	5	1.00				5	5	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: AMIS0069

NPS Station ID: AMIS0069
LAT/LON: 29.790004/-101.396115
Agency: 21TXWQB
Date Created: 07/23/94
Location: AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-R
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): 13221 /2305.4500 /2305.45000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 13070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: Rio Grande River Basin
ECO Region: 24M
RF1 Index: 13070008
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:
AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ MID-RESERVOIR@ 10.3 RIVER KM UPSTREAM FROM THE SOUTHERN PACIFIC RAILROAD BRIDGE

Parameter Inventory for Station: AMIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/09/86-12/13/86	3	9.2	11.233	16.	8.5	17.163	4.143	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/09/86-12/09/86	1	313.	313.	313.	313.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/09/86-12/12/86	2	37.	37.	48.	26.	242.	15.556	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/12/86-12/13/86	3	4780.	4783.333	4790.	4780.	33.333	5.774	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/09/86-12/09/86	1	6519.	6519.	6519.	6519.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/09/86-12/13/86	4	11.45	11.175	12.3	9.5	1.489	1.22	**	**	**	**
00400	PH (STANDARD UNITS)	12/09/86-12/13/86	4	8.1	8.175	8.4	8.1	0.023	0.15	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/09/86-12/13/86	4	8.1	8.158	8.4	8.1	0.023	0.151	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/09/86-12/13/86	4	0.008	0.007	0.008	0.004	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/09/86-12/09/86	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/09/86-12/09/86	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/09/86-12/09/86	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/09/86-12/09/86	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/14/86-12/14/86	1	199.	199.	199.	199.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/14/86-12/14/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/09/86-12/09/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/09/86-12/09/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/09/86-12/09/86	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/09/86-12/09/86	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/09/86-12/09/86	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/09/86-12/09/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/09/86-12/09/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/14/86-12/14/86	1	208.	208.	208.	208.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/14/86-12/14/86	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/14/86-12/14/86	1	738.	738.	738.	738.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/14/86-12/14/86	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/09/86-12/09/86	1	1238.	1238.	1238.	1238.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/09/86-12/09/86	1	734.	734.	734.	734.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/14/86-12/14/86	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/14/86-12/14/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/86-12/09/86	1	86.	86.	86.	86.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/86-12/09/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
74069	FLOW, ESTIMATED STREAM CFS	12/09/86-12/09/86	1	300.	300.	300.	300.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	4	0	0.00				4	0	0.00						
00400	PH	Other-Hi Lim.	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00				4	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
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						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: AMIS0070

NPS Station ID: AMIS0070 LAT/LON: 29.791670/-101.400005 Agency: 21TEXWR Date Created: 01/29/79
Location: PECOS RIVER NEAR SHUMLA FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 23109909
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13070008 Depth of Water: 999 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13070008001 RF1 Mile Point: 12.680 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13070008000100.30 RF3 Mile Point: 3.54 Distance from RF3: 0.18 On/Off RF3:
Description:
DATA FROM TEXAS DEPARTMENT OF WATER RESOURCES SAMPLES ANALYZED FOR TOXICS
SAMPLE TAKEN FROM PECOS RIVER NEAR SHUMLA

Parameter Inventory for Station: AMIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	04/01/73-04/01/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/01/73-04/01/73	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/01/73-04/01/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/01/73-04/01/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/01/73-04/01/73	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/01/73-04/01/73	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/01/73-04/01/73	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/01/73-04/01/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/01/73-04/01/73	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/01/73-04/01/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/01/73-04/01/73	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/01/73-04/01/73	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
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	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	0 &	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						

& - 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: AMIS0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: AMIS0071

NPS Station ID: AMIS0071 LAT/LON: 29.793892/-101.407503 Agency: 21TXWQB Date Created: 07/23/94
Location: AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ NORTH FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): 13222 /2305.4600 /2305.46000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 13070008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 24M
RF1 Index: 13070008 RF1 Mile Point: 0.000 Distance from RF1: 2.80 On/Off RF1:
RF3 Index: 13040302001116.18 RF3 Mile Point: 16.18 Distance from RF3: 0.00 On/Off RF3:
Description:
AMISTAD RESERVOIR PECOS RIVER ARM OF LAKE@ NORTH SHORELINE@ 11.5 RIVER M UPSTREAM FROM THE SOUTHERN PACIFIC RAILROAD BRID

Parameter Inventory for Station: AMIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/86-12/11/86	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/11/86-12/11/86	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/11/86-12/11/86	1	4910.	4910.	4910.	4910.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/11/86-12/11/86	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/11/86-12/11/86	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/11/86-12/11/86	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/86-12/11/86	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0071

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

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

Station Inventory for Station: AMIS0072

NPS Station ID: AMIS0072
LAT/LON: 29.799448/-101.413892
Agency: 21TEXWR
Date Created: 11/16/78
Location: PECOS RIVER - NEAR SHUMLA
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): IMS21-14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13070008
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13070008001
RF1 Mile Point: 13.870
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13040212001400.00
RF3 Mile Point: 22.23
Distance from RF3: 0.21
On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM PECOS RIVER ABOVE IMPOUNDED WATER NEAR SHUMLA

Parameter Inventory for Station: AMIS0072

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: AMIS0073

NPS Station ID: AMIS0073
LAT/LON: 29.801392/-101.441670
Agency: 11EPALES
Date Created: / /
Location: PECOS RIVER
FIPS State/County: 48000 TEXAS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 4801E1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13070008
Depth of Water: 0
Aquifer:
Major Basin: T/AMISTAD LAKE
Elevation: 0
Water Body Id:
Minor Basin: 0.3 MI N OF 2NDARY RD 0.8 M E US 90 JCT
ECO Region:
RF1 Index: 13070008001
RF1 Mile Point: 15.640
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13040302000803.73
RF3 Mile Point: 4.54
Distance from RF3: 0.02
On/Off RF3:
Description:
BANK SAMPLE 0.3 MI N OF SECONDARY RD 0.8 MI E OF JCT W US RT 90

Parameter Inventory for Station: AMIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/07/75	13	0.045	0.081	0.29	0.015	0.008	0.088	0.015	0.024	0.132	0.262
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	3	0.016	0.022	0.04	0.009	0.	0.016	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	3	3.	2.283	3.2	0.65	2.011	1.418	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/07/75	13	0.4	0.462	1.05	0.05	0.064	0.253	0.09	0.325	0.6	0.91
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/07/75	13	2.1	2.227	3.3	0.66	0.59	0.768	0.956	1.785	3.05	3.228
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/07/75	13	0.01	0.012	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.026
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/74-08/07/75	13 ##	0.003	0.005	0.01	0.003	0.	0.003	0.003	0.003	0.009	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: AMIS0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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	4	0	0.00	9	0	0.00						

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

Station Inventory for Station: AMIS0074

NPS Station ID: AMIS0074
LAT/LON: 29.802781/-101.445837
Agency: 21TXWQB
Date Created: 07/23/94
Location: PECOS RIVER NEAR LANGTRY
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 13240 /2310.0100 /2310.1000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13040212
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: Rio Grande River Basin
ECO Region: 24M
RF1 Index: 13040212
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:
PECOS RIVER AT GAGING STATION 7.4 MI. EAST OF LANGRY@ 15.0 MI. UPSTREAM FROM CONFLUENCE WITH RIO GRANDE

Parameter Inventory for Station: AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	215	21.	20.767	32.3	6.	41.098	6.411	12.	15.5	26.7	28.94
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	107	70.	69.823	88.	45.	136.642	11.689	52.88	60.1	80.6	84.04
00023	SAMPLE WEIGHT IN POUNDS	08/21/85-06/25/86	2	1.14	1.14	1.21	1.07	0.01	0.099	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	08/21/85-06/20/90	4	12.375	11.913	14.9	8.	11.981	3.461	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	139	195.	258.345	3186.	78.	82220.749	286.742	115.	145.	290.	445.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	91	5.	12.126	95.	2.	242.776	15.581	2.5	5.	15.	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/07/81-08/24/92	63	1.5	3.498	41.	0.2	46.218	6.798	0.5	0.8	2.8	7.56
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/13/86-11/23/88	6	27.	26.	36.	12.	63.6	7.975	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/20/90-07/06/93	11	1.	1.223	2.	0.7	0.186	0.431	0.76	1.	1.5	2.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/04/91-03/17/93	7	332.	321.429	383.	262.	1757.952	41.928	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/04/71-07/06/93	110	3110.	3196.018	6000.	320.	1445610.532	1202.335	1667.5	2400.	3980.	4945.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	167	3450.	3871.108	26544.	1020.	7355577.097	2712.117	2241.	2772.	4500.	5286.4
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	213	8.7	8.775	15.5	4.5	2.203	1.484	7.	7.75	9.8	10.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/07/81-03/17/93	17	100.	100.206	125.	80.	159.043	12.611	81.6	91.2	105.35	122.6
00307	BOD, NITROGEN INHIB.,DISS., 5 DAY, 20 DEG C MG/L	10/25/89-10/25/89	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00308	BOD, NITROGEN INHIB.,TOTAL, 20 DAY, 20 DEG C MG/L	10/25/89-10/25/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00309	BOD, NITROGEN INHIB.,DISS., 20 DAY, 20 DEG C MG/L	10/25/89-10/25/89	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	114	1.	1.383	8.1	0.2	1.569	1.252	0.3	0.8	1.525	2.5
00314	BOD, NITROGEN INHIB.,TOTAL, 5 DAY, 20 DEG C MG/L	10/25/89-10/25/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/73-11/27/78	4	4005.	4185.	6510.	2220.	3128700.	1768.813	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	173	8.1	8.054	9.1	7.1	0.094	0.306	7.6	7.9	8.2	8.4
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	173	8.1	7.937	9.1	7.1	0.108	0.328	7.6	7.9	8.2	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	173	0.008	0.012	0.079	0.001	0.	0.011	0.004	0.006	0.013	0.025
00403	PH, LAB, STANDARD UNITS SU	10/17/68-11/14/90	102	8.1	8.119	8.5	7.5	0.041	0.203	7.9	8.	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/68-11/14/90	102	8.1	8.066	8.5	7.5	0.044	0.21	7.9	8.	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/68-11/14/90	102	0.008	0.009	0.032	0.003	0.	0.005	0.004	0.005	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	120	142.	138.95	180.	95.	451.645	21.252	106.1	122.	156.	164.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/12/91-03/12/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/23/87-06/30/92	19	173.	159.526	200.	40.	1529.485	39.109	120.	132.	190.	200.
00445	CARBONATE ION (MG/L AS CO3)	06/23/87-03/03/92	18	0.	0.028	0.5	0.	0.014	0.118	0.	0.	0.	0.05
00480	SALINITY - PARTS PER THOUSAND	12/08/87-03/17/93	8	2.1	2.138	2.7	1.7	0.126	0.354	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	06/23/88-06/23/88	1	92100.	92100.	92100.	92100.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/29/75-08/29/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/29/75-08/29/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-07/06/93	92	6.	11.413	166.	0.5	356.888	18.891	2.15	4.	12.	22.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/14/72-07/06/93	89	4.	4.528	20.	0.5	18.957	4.354	0.5	1.5	5.	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 time series plot

Parameter Inventory for Station: AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	11/07/77-06/23/88	3	280.	700.	1600.	220.	608400.	780.	**	**	**	**
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/04/73-08/17/76	2	205.	205.	240.	170.	2450.	49.497	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/07/81-08/24/92	63	0.06	0.059	0.18	0.005	0.001	0.034	0.02	0.03	0.07	0.106
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	132	0.05	0.054	0.69	0.005	0.005	0.072	0.01	0.02	0.06	0.09
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/11/85-08/24/92	39 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/24/86-07/06/93	25 ##	0.005	0.014	0.15	0.005	0.001	0.029	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-07/06/93	88	0.765	0.935	3.5	0.005	0.448	0.67	0.2	0.47	1.315	1.937
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/20/91-08/20/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/07/81-07/06/93	65	0.48	0.533	3.1	0.1	0.18	0.425	0.16	0.3	0.7	0.9
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/73-06/23/88	5	360.	868.	3320.	10.	1900570.	1378.612	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/07/90-08/24/92	12	0.495	0.498	1.1	0.05	0.11	0.331	0.071	0.19	0.708	1.04
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/07/81-08/24/92	63	0.6	0.568	1.8	0.05	0.14	0.374	0.076	0.3	0.9	1.06
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-08/21/85	54	0.04	0.214	4.	0.015	0.371	0.609	0.015	0.03	0.113	0.385
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-08/21/85	53 ##	0.015	0.053	1.4	0.015	0.037	0.191	0.015	0.015	0.03	0.06
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	157	0.01	0.041	1.3	0.005	0.015	0.124	0.005	0.01	0.03	0.05
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/07/81-08/24/92	64 ##	0.005	0.01	0.04	0.005	0.	0.008	0.005	0.005	0.01	0.02
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/73-06/23/88	5	200.	260.	465.	95.	26712.5	163.44	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	142 ##	0.005	0.013	0.46	0.	0.002	0.039	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/06/93	69	2.	2.972	14.	0.5	8.371	2.893	0.5	1.	4.	7.
00684	CARBON DISSOLVED ORGANIC WHATMAN GF/F MG/L AS C	10/25/89-10/25/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/07/81-06/30/92	20	755.	699.65	935.	264.	25000.976	158.117	446.	637.	800.5	863.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	85	168.	169.953	330.	80.	2277.403	47.722	110.	133.	201.	230.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	85	78.	80.741	150.	16.	501.313	22.39	54.2	66.5	95.5	110.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	85	540.	550.576	960.	116.	29378.771	171.402	352.	420.	700.	782.2
00931	SODIUM ADSORPTION RATIO	10/07/81-02/02/83	9	7.2	7.522	8.8	5.8	1.147	1.071	5.8	6.75	8.65	8.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	85	8.4	9.031	30.	4.	9.418	3.069	6.32	7.55	10.5	12.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	190	750.	820.226	5490.	45.	295548.25	543.643	411.6	565.	996.25	1200.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	12/04/71-08/17/76	38	740.	834.421	2400.	180.	203226.034	450.806	418.9	600.	986.25	1215.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	183	450.	494.552	2800.	112.	93279.578	305.417	248.8	330.	573.	780.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	84	0.8	0.824	1.3	0.05	0.025	0.159	0.7	0.8	0.9	0.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	85	13.	13.246	37.	8.3	12.012	3.466	9.86	11.	14.	16.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/07/81-08/20/91	39	1.	0.949	3.	0.5	0.234	0.484	0.5	0.5	1.	1.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/07/81-08/04/82	4	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/73-06/23/88	5	2.5	2.57	5.8	0.25	5.404	2.325	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	08/21/85-06/30/92	9 ##	0.2	0.183	0.25	0.1	0.003	0.056	0.1	0.125	0.225	0.25
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/07/81-08/24/92	43	77.	99.233	300.	50.	4347.707	65.937	50.	50.	100.	200.
01007	BARIUM, TOTAL (UG/L AS BA)	10/07/81-08/04/82	4 ##	75.	100.	200.	50.	5000.	70.711	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/23/88-06/23/88	1	112.	112.	112.	112.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/20/91	35 ##	5.	4.879	10.	0.25	1.979	1.407	5.	5.	5.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/07/81-08/20/91	39 ##	0.5	0.744	5.	0.	0.59	0.768	0.5	0.5	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/07/81-08/04/82	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-06/23/88	5 ##	0.25	0.28	0.5	0.1	0.021	0.144	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-06/23/88	5	8.2	8.04	8.7	6.8	0.553	0.744	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/07/81-08/20/91	39 ##	0.5	2.231	30.	0.5	25.669	5.066	0.5	0.5	2.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/07/81-08/04/82	4	10.	13.75	30.	5.	122.917	11.087	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	10/07/81-08/24/92	43 ##	0.5	0.779	5.	0.	0.706	0.84	0.5	0.5	0.5	1.8
01037	COBALT, TOTAL (UG/L AS CO)	10/07/81-08/04/82	4	2.	2.125	4.	0.5	2.729	1.652	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/07/81-08/20/91	39 ##	0.5	0.846	5.	0.5	0.568	0.754	0.5	0.5	1.	1.
01042	COPPER, TOTAL (UG/L AS CU)	10/07/81-08/04/82	4	6.	5.75	7.	4.	2.25	1.5	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/73-06/23/88	5	6.	6.68	9.6	4.9	3.277	1.81	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/07/81-08/04/82	4	75.	85.	150.	40.	2166.667	46.547	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/07/81-08/24/92	43	20.	113.023	3900.	5.	349735.928	591.385	5.	20.	30.	38.4
01049	LEAD, DISSOLVED (UG/L AS PB)	10/07/81-08/20/91	39 ##	1.	1.756	10.	0.5	3.183	1.784	0.5	0.5	2.5	3.
01051	LEAD, TOTAL (UG/L AS PB)	10/07/81-08/04/82	4	2.	2.75	6.	1.	4.917	2.217	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/73-06/23/88	5	2.	2.44	6.6	0.5	6.263	2.503	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/73-06/23/88	5	97.	130.6	316.	49.	11157.3	105.628	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/07/81-08/04/82	4 ##	7.5	10.	20.	5.	50.	7.071	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/07/81-08/24/92	43 ##	5.	20.674	590.	2.	7915.558	88.969	5.	5.	10.	10.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-08/24/92	39	6.	6.103	13.	2.	4.989	2.234	4.	5.	7.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/07/81-08/24/92	43 ##	0.5	1.093	6.	0.	1.491	1.221	0.5	0.5	1.	2.6
01067	NICKEL, TOTAL (UG/L AS NI)	10/07/81-08/04/82	4	4.	3.75	6.	1.	4.917	2.217	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-06/23/88	5	10.	7.74	11.	0.5	18.388	4.288	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/07/81-08/24/92	43 ##	0.5	0.57	2.5	0.	0.114	0.338	0.5	0.5	0.5	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 time series plot

Parameter Inventory for Station: AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	10/07/81-08/04/82	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/73-06/23/88	5	3.	2.71	4.7	0.25	2.848	1.688	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/27/82-08/24/92	39	2700.	2898.205	4900.	320.	1162009.852	1077.966	1700.	2100.	3600.	4400.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-08/24/92	39	19.	18.179	40.	0.5	70.164	8.376	6.	13.	22.	30.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/07/81-08/20/91	39	5.	15.667	70.	5.	274.965	16.582	5.	5.	30.	40.
01092	ZINC, TOTAL (UG/L AS ZN)	10/07/81-08/04/82	4	65.	52.5	70.	10.	825.	28.723	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/73-06/23/88	5	6.	10.14	30.	3.4	124.778	11.17	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-08/24/92	39 ##	5.	8.846	50.	5.	87.449	9.351	5.	5.	10.	20.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/27/82-08/24/92	39	77.	76.615	120.	11.	524.296	22.898	50.	60.	90.	110.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/07/81-08/24/92	42 ##	0.5	0.571	1.	0.	0.044	0.209	0.5	0.5	0.5	1.
01147	SELENIUM, TOTAL (UG/L AS SE)	10/07/81-08/04/82	4 ##	0.75	0.625	1.	0.	0.229	0.479	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/07/77-06/23/88	3	0.25	0.387	0.86	0.05	0.178	0.422	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	08/21/85-06/30/92	9	0.85	0.83	1.5	0.35	0.096	0.309	0.35	0.67	0.925	1.5
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/09/74-07/09/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/09/74-07/09/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/15/72-06/06/73	6	49.5	61.333	150.	9.	3075.067	55.453	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/15/72-06/06/73	6	1.678	1.581	2.176	0.954	0.262	0.512	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.106								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-03/17/93	61	5.	41.492	1344.	1.	30663.454	175.11	1.2	2.	13.	60.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-03/17/93	61	0.699	0.868	3.128	0.	0.412	0.642	0.06	0.301	1.113	1.779
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.378								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/24/92	65	13.	74.246	3300.	0.5	168196.837	410.118	2.6	6.	25.	48.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/24/92	65	1.114	1.096	3.519	-0.301	0.346	0.588	0.407	0.778	1.398	1.681
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			12.483								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/24/92	65	21.	85.554	3500.	1.	188649.907	434.338	6.	12.	33.5	52.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/24/92	65	1.322	1.305	3.544	0.	0.26	0.51	0.778	1.079	1.525	1.719
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			20.19								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/11/72-07/06/93	84 ##	2.	3.681	66.	0.5	66.134	8.132	0.5	1.	2.	7.5
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/06/93	65 ##	1.	1.778	21.4	0.	7.418	2.724	0.5	1.	2.	2.
34204	ACENAPHTHYLENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34209	ACENAPHTHENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34219	ACRYLONITRILE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34224	ANTHRACENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34238	BENZENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34241	BENZIDINE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34251	BENZO-A-PYRENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34291	BROMOFORM WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34305	CHLOROBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34315	CHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34319	CHLOROFORM WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34324	CHRYSENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34375	ETHYLBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34380	FLUORANTHENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34385	FLUORENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34400	HEXACHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	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: AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34412	ISOPHORONE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34427	METHYLENE CHLORIDE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34446	NAPHTHALENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34451	NITROBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34465	PHENANTHRENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34468	PHENOL WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34473	PYRENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34484	TOLUENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34590	2-CHLOROPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34595	2-NITROPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34650	4-NITROPHENOL WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/21/85-06/30/92	9 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	08/21/85-06/30/92	9 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	08/21/85-06/30/92	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/21/85-06/30/92	9 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
34687	HEPTACHLOR WET WGTTISMG/KG	08/21/85-06/30/92	9 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	08/21/85-06/30/92	9 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
34689	PCB - 1242 WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	08/21/85-06/30/92	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34693	VINYL CHLORIDE WET WGTTISMG/KG	06/30/92-06/30/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

Parameter Inventory for Station: AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	06/30/92-06/30/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/21/85-06/23/88	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/21/85-06/23/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	08/21/85-06/23/88	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/21/85-06/23/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	08/21/85-06/23/88	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	08/21/85-06/23/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	08/21/85-06/23/88	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/21/85-06/30/92	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	08/21/85-06/30/92	9 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	08/21/85-06/23/88	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/08/89-08/24/92	17	134.	131.471	161.	98.	499.64	22.353	99.6	105.	150.	160.2
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	06/30/92-06/30/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	02/03/82-06/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	10/07/81-06/09/82	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	08/21/85-06/23/88	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	08/21/85-06/23/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	08/21/85-06/23/88	4 ##	0.008	0.013	0.03	0.005	0.	0.012	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	4 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/21/85-06/23/88	4	0.18	0.165	0.22	0.08	0.005	0.068	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	08/21/85-06/23/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	4 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	08/21/85-06/23/88	4 ##	0.	0.003	0.01	0.	0.	0.005	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	7 ##	0.5	0.364	0.5	0.	0.054	0.232	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/27/78-06/23/88	5 ##	3.	3.8	10.	1.5	12.575	3.546	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	5 ##	1.5	2.1	3.	1.5	0.675	0.822	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	5 ##	1.	1.1	1.5	0.75	0.144	0.379	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	5 ##	2.5	2.3	3.	1.5	0.575	0.758	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	08/21/85-06/30/92	9 ##	0.01	0.009	0.01	0.005	0.	0.002	0.005	0.008	0.01	0.01
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/27/78-06/23/88	5 ##	1.	1.1	1.5	1.	0.05	0.224	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/27/78-06/23/88	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	08/21/85-06/30/92	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	5 ##	0.25	0.3	0.5	0.25	0.013	0.112	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/27/78-06/23/88	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/27/78-06/23/88	5 ##	5.	6.	10.	5.	5.	2.236	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	08/21/85-06/04/91	8 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/27/78-06/23/88	7 ##	10.	7.214	10.	0.	22.655	4.76	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/21/85-06/23/88	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39534	MALATHION IN TISSUE WET WEIGHT MG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	5 ##	1.5	1.7	2.5	1.5	0.2	0.447	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/23/88	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	11/27/78-06/23/88	5 ##	1.5	1.7	2.5	1.5	0.2	0.447	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/21/85-06/23/88	4 ##	5.	12.	33.	5.	196.	14.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/27/78-06/23/88	5 ##	5.	6.	10.	5.	5.	2.236	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/27/78-06/23/88	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
45511	XYLENE TISSUE ,WET WGT,MG/KG	06/30/92-06/30/92	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	98	2145.	2293.663	3860.	1195.	522307.133	722.708	1459.	1727.5	2897.5	3386.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/07/81-11/14/90	10	2115.	2026.9	2490.	1240.	186616.1	431.991	1269.	1627.5	2399.75	2486.9
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/81-08/24/92	63	81.	74.889	100.	12.	407.875	20.196	43.6	65.	90.	95.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/07/90-08/24/92	11 ##	0.005	0.006	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.017
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/07/81-08/20/91	39 ##	0.05	0.159	0.9	0.05	0.049	0.221	0.05	0.05	0.1	0.6
71900	MERCURY, TOTAL (UG/L AS HG)	10/07/81-08/04/82	4	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/73-06/23/88	5	0.01	0.031	0.1	0.005	0.002	0.04	**	**	**	**

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Parameter Inventory for Station: AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/21/85-06/30/92	9	0.1	0.123	0.31	0.04	0.008	0.087	0.04	0.05	0.18	0.31
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/85-06/30/92	9 ##	0.8	0.711	0.85	0.5	0.026	0.162	0.5	0.5	0.85	0.85
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/85-06/30/92	9 ##	0.35	1.113	6.67	0.2	4.383	2.093	0.2	0.25	0.735	6.67
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/85-06/30/92	9 ##	0.35	0.693	2.5	0.2	0.543	0.737	0.2	0.2	0.885	2.5
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/21/85-06/30/92	9 ##	0.2	0.161	0.2	0.1	0.002	0.049	0.1	0.1	0.2	0.2
72053	DAYS SINCE PRECIPITATION EVENT DAYS	11/14/90-03/17/93	7	10.	9.571	10.	7.	1.286	1.134	**	**	**	**
74069	FLOW, ESTIMATED STREAM CFS	12/02/86-11/14/90	4	205.	235.	380.	150.	10033.333	100.167	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/07/81-08/24/92	63	13.	20.556	169.	2.	639.864	25.296	5.	7.	24.	43.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/07/81-08/04/82	6	3.7	13.483	61.	2.6	544.534	23.335	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	08/21/85-06/30/92	7	2.	2.143	3.	1.	0.81	0.9	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	08/21/85-06/30/92	7	1.	1.	1.	1.	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/21/85-06/30/92	9 ##	0.015	0.015	0.015	0.015	0.	0.	0.015	0.015	0.015	0.015
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/30/92-06/30/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81759	ENDOSULFAN IN FISH TISSUE WET WEIGHT MG/KG	06/30/92-06/30/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	06/30/92-06/30/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	06/30/92-06/30/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/30/92-06/30/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	08/21/85-06/30/92	9	0.14	0.123	0.23	0.01	0.008	0.087	0.01	0.03	0.205	0.23
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	08/21/85-06/30/92	9 ##	0.01	0.011	0.03	0.005	0.	0.007	0.005	0.008	0.01	0.03

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EPA Water Quality Criteria Analysis for Station: AMIS0074

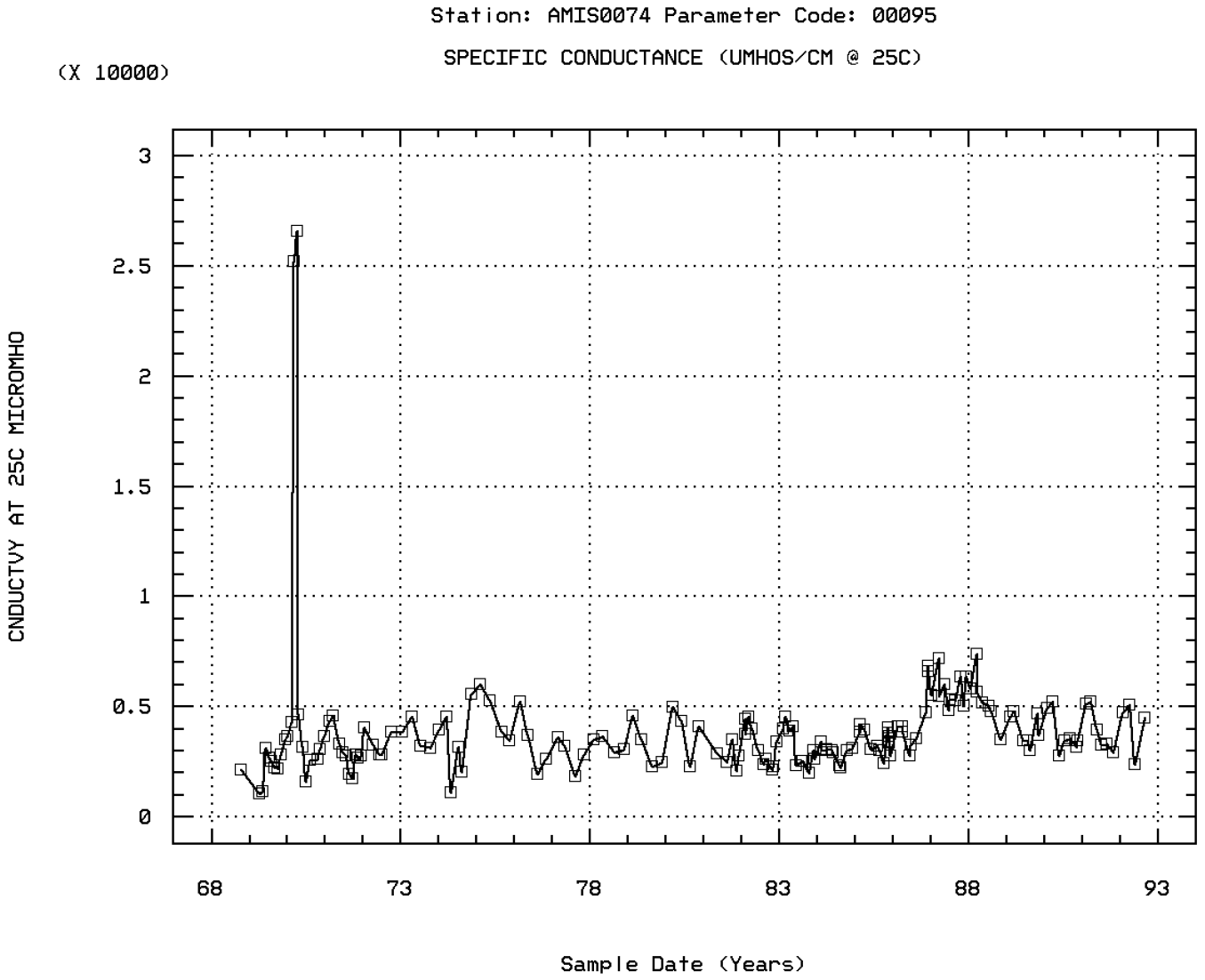
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	91	3	0.03	31	1	0.03	60	2	0.03						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	63	0	0.00	22	0	0.00	41	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	213	0	0.00	72	0	0.00	141	0	0.00						
00400	PH	Other-Hi Lim.	9.	173	1	0.01	55	0	0.00	118	1	0.01						
		Other-Lo Lim.	6.5	173	0	0.00	55	0	0.00	118	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	102	0	0.00	35	0	0.00	67	0	0.00						
		Other-Lo Lim.	6.5	102	0	0.00	35	0	0.00	67	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	39	0	0.00	14	0	0.00	25	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	25	0	0.00	9	0	0.00	16	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	88	0	0.00	30	0	0.00	58	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	4	0	0.00	8	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	63	0	0.00	23	0	0.00	40	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	190	74	0.39	66	13	0.20	124	61	0.49						
		Drinking Water	250.	190	183	0.96	66	65	0.98	124	118	0.95						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	38	12	0.32	12	1	0.08	26	11	0.42						
		Drinking Water	250.	38	37	0.97	12	12	1.00	26	25	0.96						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	183	165	0.90	63	49	0.78	120	116	0.97						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	84	0	0.00	32	0	0.00	52	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	50.	39	0	0.00	15	0	0.00	24	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	43	0	0.00	17	0	0.00	26	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	4	0	0.00	2	0	0.00	2	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	35	0	0.00	13	0	0.00	22	0	0.00						
		Drinking Water	4.	3 &	1	0.33	1	0	0.00	2	1	0.50						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	39	1	0.03	15	1	0.07	24	0	0.00						
		Drinking Water	5.	39	1	0.03	15	1	0.07	24	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4	0	0.00	2	0	0.00	2	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	39	0	0.00	15	0	0.00	24	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	1300.	39	0	0.00	15	0	0.00	24	0	0.00						

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

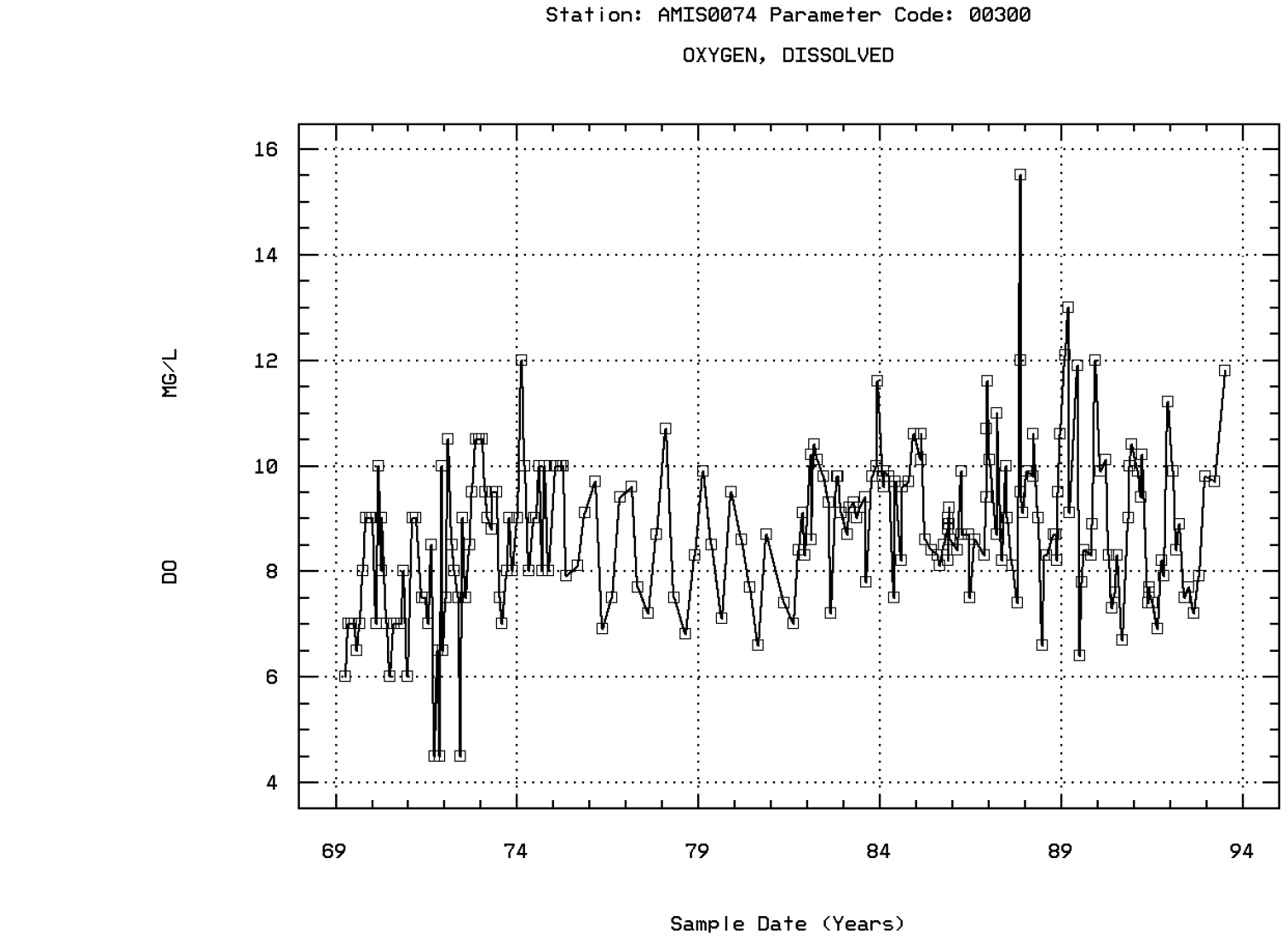
EPA Water Quality Criteria Analysis for Station: AMIS0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	1300.	4	0	0.00	2	0	0.00	2	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	15.	39	0	0.00	15	0	0.00	24	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	15.	4	0	0.00	2	0	0.00	2	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	43	0	0.00	17	0	0.00	26	0	0.00						
		Drinking Water	100.	43	0	0.00	17	0	0.00	26	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	43	0	0.00	17	0	0.00	26	0	0.00						
		Drinking Water	100.	43	0	0.00	17	0	0.00	26	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	5000.	39	0	0.00	15	0	0.00	24	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5000.	4	0	0.00	2	0	0.00	2	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	42	0	0.00	16	0	0.00	26	0	0.00						
		Drinking Water	50.	42	0	0.00	16	0	0.00	26	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						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	2	0	0.00	4	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	61	2	0.03	18	1	0.06	43	1	0.02						
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	65	2	0.03	23	0	0.00	42	2	0.05						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00				2	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	2.	39	0	0.00	15	0	0.00	24	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00						

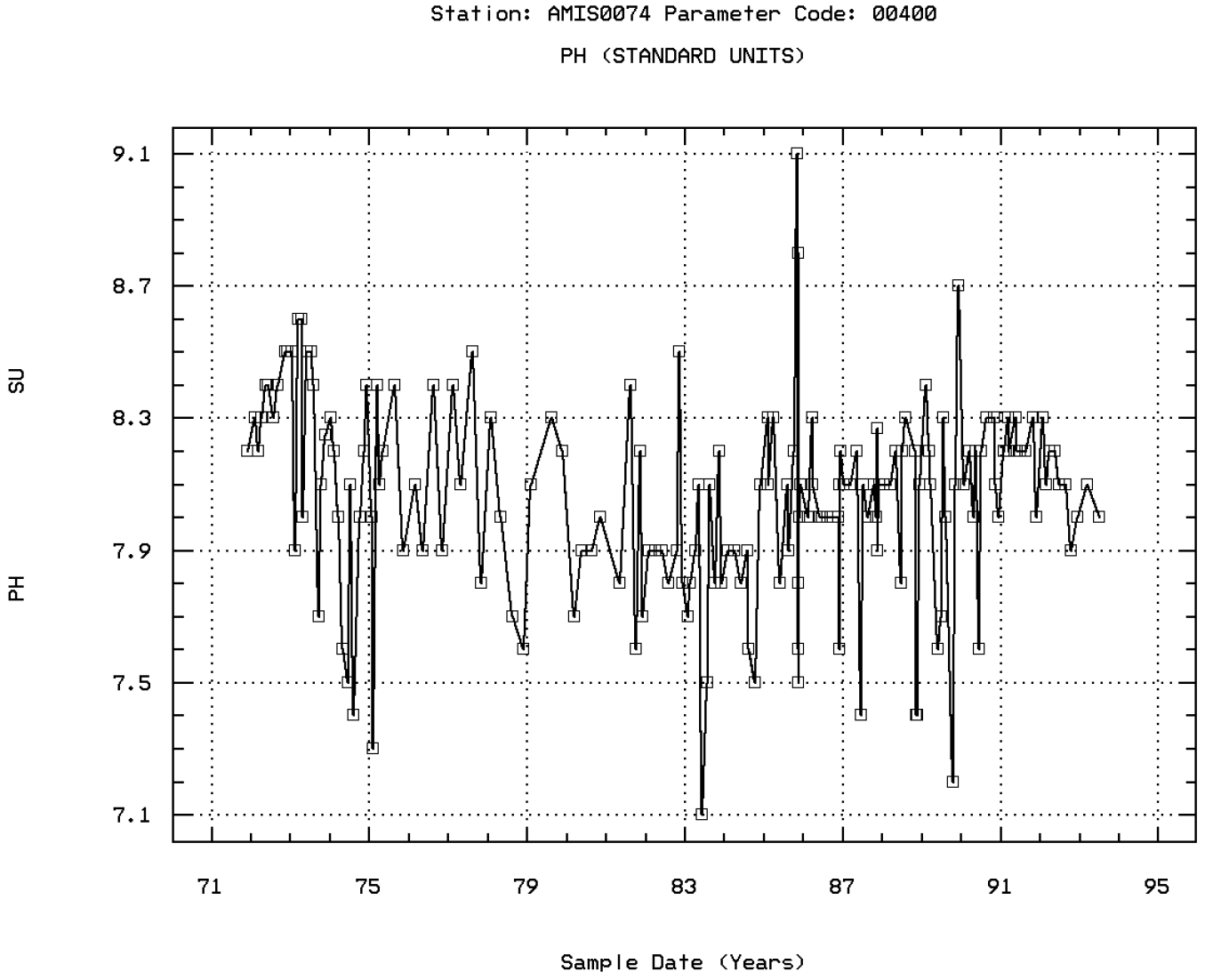
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



PECOS RIVER NEAR LANGTRY



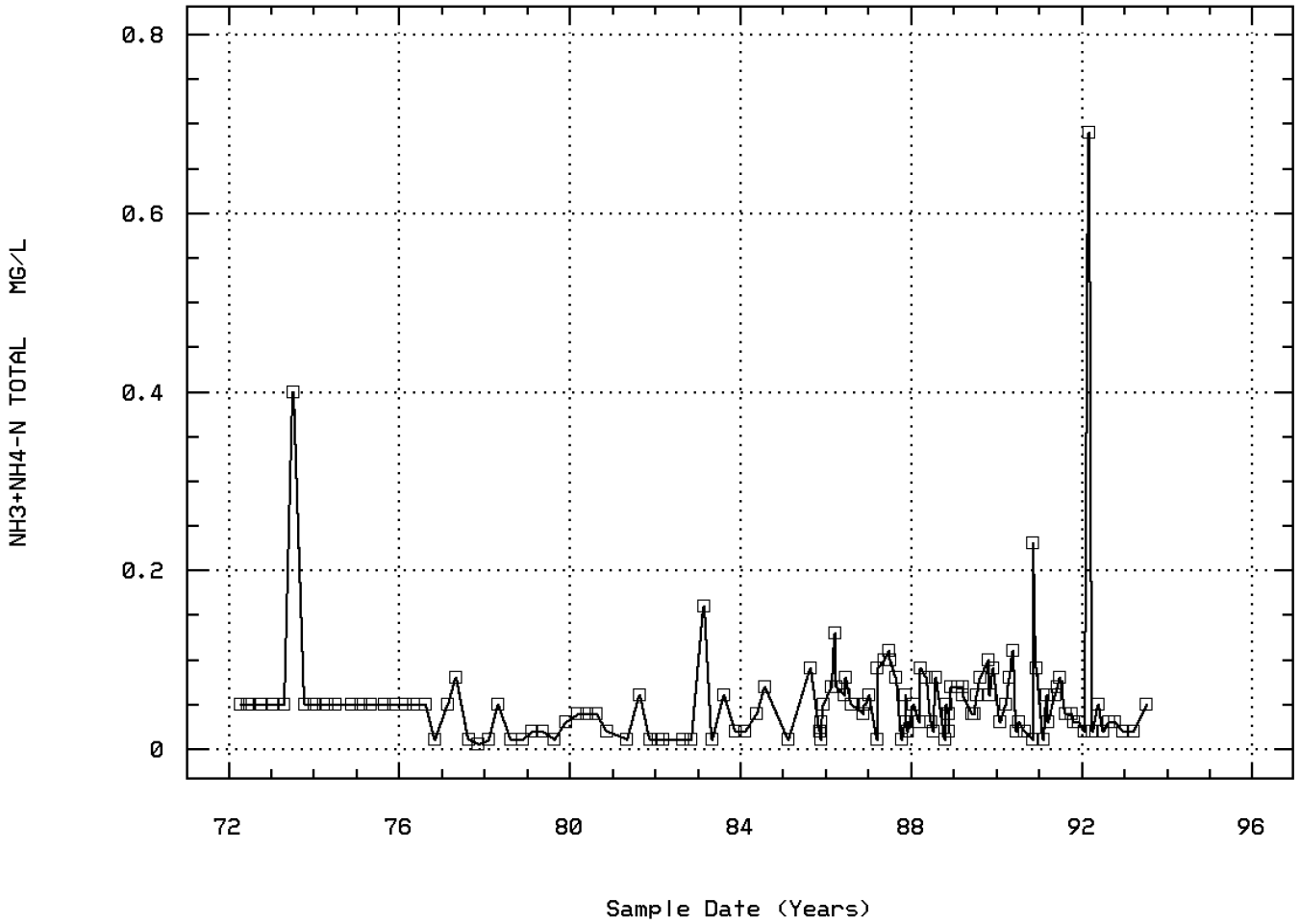
PECOS RIVER NEAR LANGTRY



PECOS RIVER NEAR LANGTRY

Station: AMIS0074 Parameter Code: 00610

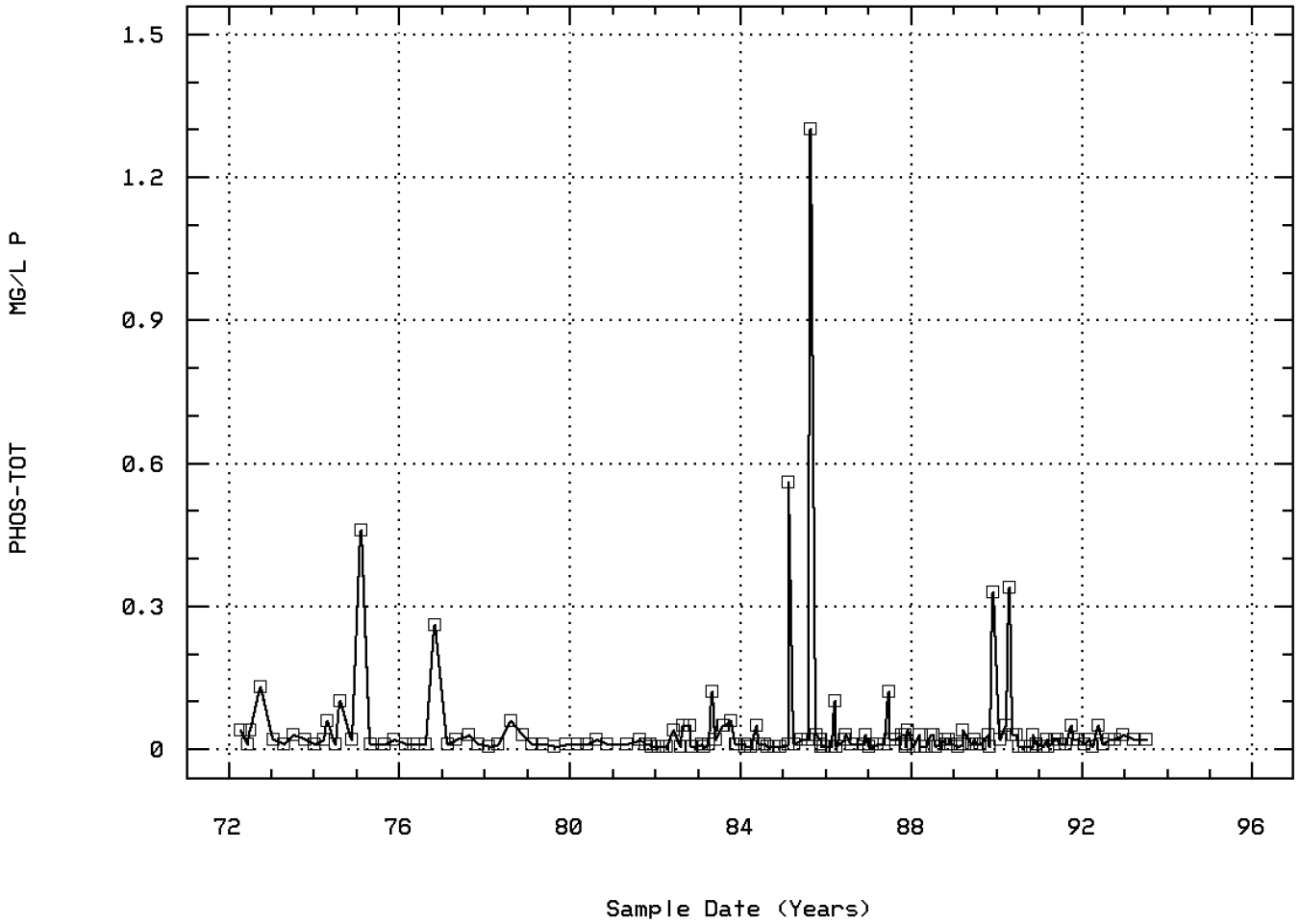
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



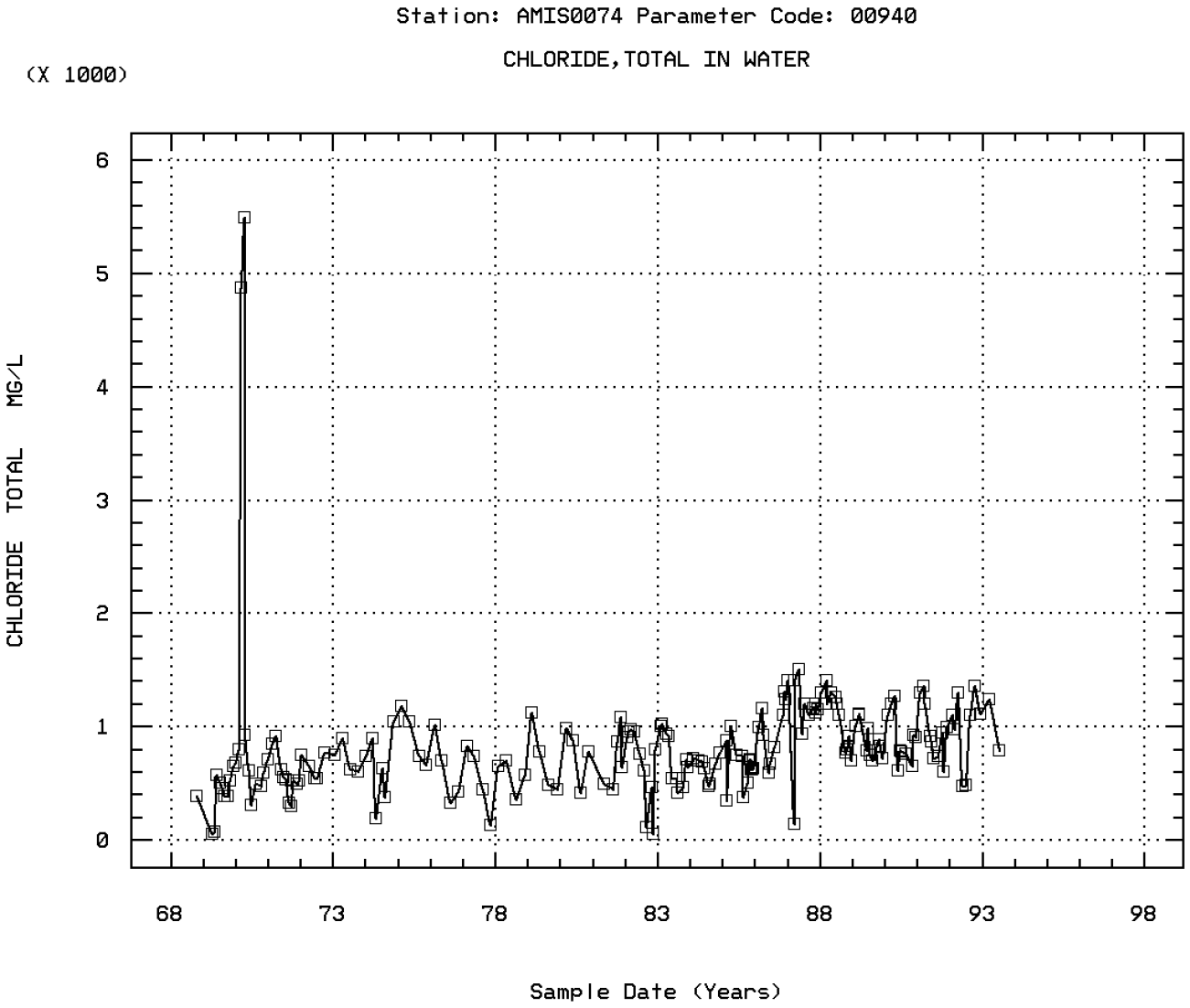
PECOS RIVER NEAR LANGTRY

Station: AMIS0074 Parameter Code: 00665

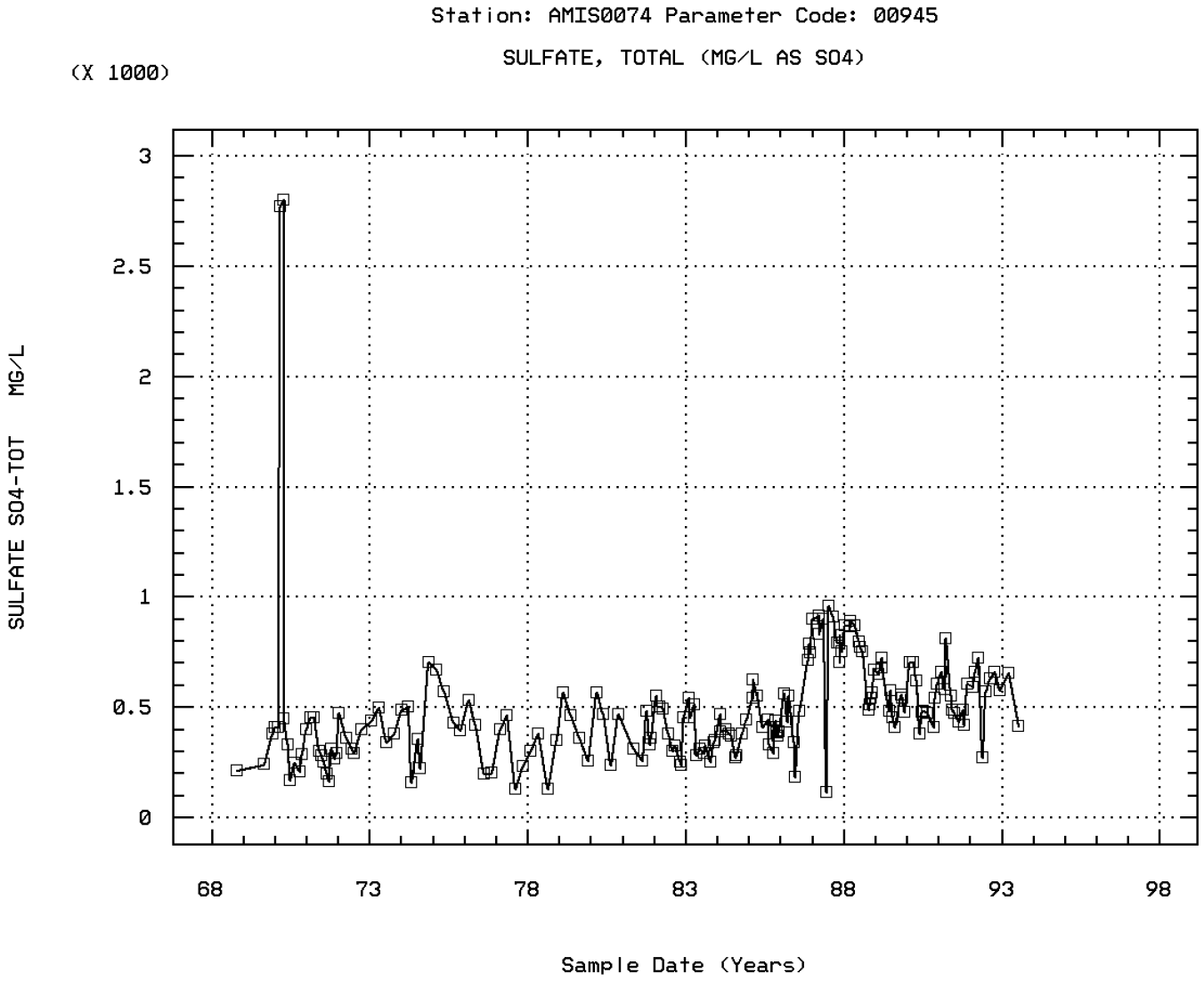
PHOSPHORUS, TOTAL (MG/L AS P)



PECOS RIVER NEAR LANGTRY



PECOS RIVER NEAR LANGTRY



PECOS RIVER NEAR LANGTRY

Annual Analysis for 1968 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	1	2112.	2112.	2112.	2112.	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	1	379.	379.	379.	379.	0.	0.	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	1	212.	212.	212.	212.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	9	26.	24.444	30.	13.	37.778	6.146	13.	19.5	29.5	30.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	9	78.	76.	86.	55.	129.5	11.38	55.	67.	85.5	86.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	9	## 2.5	6.389	30.	2.5	84.549	9.195	2.5	2.5	6.25	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	9	2499.	2337.778	3465.	1020.	679570.944	824.361	1020.	1651.5	2946.	3465.
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	9	7.	7.389	9.	6.	1.111	1.054	6.	6.75	8.5	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	9	1.5	2.233	8.1	0.25	5.699	2.387	0.25	0.625	2.75	8.1
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	9	455.	397.556	650.	46.	43824.028	209.342	46.	227.	545.	650.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	2	309.5	309.5	378.	241.	9384.5	96.874	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1970 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	11	21.	19.427	31.	7.	49.828	7.059	8.2	14.	26.	30.14
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	10	66.5	65.6	88.	45.	152.267	12.34	46.1	56.75	73.5	87.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	11	10.	15.455	95.	2.5	711.023	26.665	2.5	5.	10.	79.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	11	3633.	7353.727	26544.	1600.	84606141.218	9198.16	1792.	2592.	4602.	26275.2
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	11	7.	7.636	10.	6.	1.655	1.286	6.	7.	9.	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	11	2.	2.159	5.	0.25	1.803	1.343	0.4	1.5	2.5	4.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	11	680.	1449.273	5490.	304.	3448773.018	1857.087	338.4	490.	920.	5366.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	11	397.	769.364	2800.	166.	1001187.055	1000.593	174.	248.	447.	2794.

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	11	21.1	20.909	28.	10.	35.417	5.951	10.56	17.	27.	27.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	11	70.	69.636	83.	50.	115.055	10.726	51.	62.	80.	82.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	1	139.	139.	139.	139.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	10	5.	13.	40.	5.	156.667	12.517	5.	5.	18.75	39.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	10	2794.	2971.9	4576.	1740.	815629.433	903.122	1756.3	2479.75	3536.	4550.
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	11	7.5	7.318	10.	4.5	3.164	1.779	4.5	6.5	9.	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	10	1.	1.275	3.	0.25	0.728	0.854	0.275	0.875	1.75	2.95
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	10	525.	561.	910.	295.	38416.444	196.001	297.7	450.25	677.5	904.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	10	285.	296.4	452.	163.	8843.822	94.042	166.3	238.75	344.75	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

Annual Analysis for 1972 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	12	22.2	20.133	26.7	8.3	43.795	6.618	9.14	13.175	25.975	26.7
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	12	72.	68.25	80.	47.	141.295	11.887	48.5	55.75	78.75	80.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	12	7.5	14.167	40.	5.	158.333	12.583	5.	5.	27.5	37.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	5	3264.	3346.4	4030.	2800.	320042.8	565.723	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	12	8.5	8.5	10.5	4.5	2.955	1.719	5.4	7.5	10.25	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	5 ##	0.25	0.55	1.	0.25	0.169	0.411	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	9	8.4	8.367	8.5	8.2	0.01	0.1	8.2	8.3	8.45	8.5
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	9	8.4	8.356	8.5	8.2	0.01	0.101	8.2	8.3	8.45	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	9	0.004	0.004	0.006	0.003	0.	0.001	0.003	0.004	0.005	0.006
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	4	0.04	0.055	0.13	0.01	0.003	0.052	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	5	650.	650.	770.	540.	12150.	110.227	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	5	357.	365.6	474.	288.	5426.3	73.663	**	**	**	**

** - 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

Annual Analysis for 1973 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	11	23.3	21.209	28.9	9.4	45.935	6.778	9.52	16.7	26.7	28.78
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	11	74.	70.182	84.	49.	148.564	12.189	49.2	62.	80.	83.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	2	154.	154.	169.	139.	450.	21.213	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	11	20.	21.636	88.	5.	559.455	23.653	5.	5.	25.	76.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	4	3507.	3660.5	4524.	3104.	442747.	665.392	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	11	9.	8.755	10.5	7.	1.063	1.031	7.1	8.	9.5	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	11	8.4	8.277	8.6	7.7	0.096	0.309	7.74	8.	8.5	8.6
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	11	8.4	8.169	8.6	7.7	0.109	0.33	7.74	8.	8.5	8.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	11	0.004	0.007	0.02	0.003	0.	0.006	0.003	0.003	0.01	0.018
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	4 ##	0.05	0.138	0.4	0.05	0.031	0.175	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	4	0.02	0.02	0.03	0.01	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	4	685.	715.	890.	600.	18033.333	134.288	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	4	406.5	411.75	494.	340.	4609.583	67.894	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	11	22.2	21.082	29.4	11.1	47.346	6.881	11.28	14.4	28.3	29.18
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	11	72.	70.	85.	52.	152.4	12.345	52.4	58.	83.	84.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	11	150.	571.727	3186.	78.	817042.418	903.904	81.8	114.	653.	2717.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	11	5.	12.727	60.	5.	271.818	16.487	5.	5.	15.	52.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	6	3547.	3374.833	5544.	1085.	2700088.167	1643.195	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	10	9.	9.3	12.	8.	1.567	1.252	8.	8.	10.	11.8
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	10	8.05	7.97	8.4	7.4	0.122	0.35	7.41	7.575	8.225	8.39
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	10	8.047	7.835	8.4	7.4	0.142	0.377	7.41	7.575	8.225	8.39
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	10	0.009	0.015	0.04	0.004	0.	0.013	0.004	0.006	0.027	0.039
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	6	0.02	0.037	0.1	0.01	0.001	0.036	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	6	0.01	0.009	0.01	0.005	0.	0.002	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	6	685.	642.333	1040.	183.	102755.467	320.555	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	6	419.	403.5	700.	160.	39605.5	199.011	**	**	**	**

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Annual Analysis for 1975 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	7	18.9	20.086	27.8	11.1	33.305	5.771	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	7	66.	68.143	82.	52.	107.81	10.383	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	7	322.	362.857	461.	297.	5209.81	72.179	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	7	5.	7.857	15.	5.	15.476	3.934	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	4	4550.	4639.	6012.	3444.	1462988.	1209.54	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	7	10.	9.3	10.	7.9	0.9	0.949	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	7	8.1	8.043	8.4	7.3	0.143	0.378	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	7	8.1	7.868	8.4	7.3	0.179	0.423	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	7	0.008	0.014	0.05	0.004	0.	0.016	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	4	0.015	0.125	0.46	0.01	0.05	0.223	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	4	0.01	0.123	0.46	0.01	0.051	0.225	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	4	890.	905.	1180.	660.	60366.667	245.696	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	4	498.	514.25	670.	391.	16781.583	129.544	**	**	**	**

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Annual Analysis for 1976 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	4	20.95	21.4	27.	16.7	25.887	5.088	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	4	69.75	70.525	80.6	62.	84.502	9.193	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	4	445.	394.75	461.	228.	12414.917	111.422	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	4	5.5	6.25	10.	4.	6.917	2.63	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	4	3148.	3351.25	5184.	1925.	2025463.583	1423.188	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	4	8.45	8.375	9.7	6.9	1.916	1.384	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	4	8.	8.075	8.4	7.9	0.056	0.236	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	4	7.989	8.033	8.4	7.9	0.058	0.241	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	4	0.01	0.009	0.013	0.004	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	4 ##	0.05	0.04	0.05	0.01	0.	0.02	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	4	0.01	0.073	0.26	0.01	0.016	0.125	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	4	563.5	616.25	1010.	328.	93652.25	306.027	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	4	310.	337.	530.	198.	26833.333	163.809	**	**	**	**

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Annual Analysis for 1977 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	4	21.5	21.75	29.	15.	40.917	6.397	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	4	70.5	71.05	84.2	59.	134.41	11.594	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	4	232.5	237.5	309.	176.	3643.	60.357	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	4	9.5	9.25	15.	3.	44.25	6.652	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	4	3000.	2856.25	3600.	1825.	579322.917	761.133	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	4	8.2	8.3	9.6	7.2	1.14	1.068	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	4	8.25	8.2	8.5	7.8	0.1	0.316	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	4	8.225	8.112	8.5	7.8	0.11	0.332	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	4	0.006	0.008	0.016	0.003	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	4	143.5	139.75	166.	106.	620.25	24.905	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	4 ##	0.03	0.036	0.08	0.005	0.001	0.035	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	4	0.015	0.018	0.03	0.01	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	4	587.5	533.5	829.	130.	100221.667	316.578	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	4	315.	305.	460.	130.	23100.	151.987	**	**	**	**

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Annual Analysis for 1977 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	2	1200.	1200.	1205.	1195.	50.	7.071	**	**	**	**

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Annual Analysis for 1978 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	4	21.75	20.625	29.	10.	73.896	8.596	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	4	71.25	69.125	84.	50.	238.729	15.451	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	4	170.	211.25	366.	139.	11273.583	106.177	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	4	5.5	8.25	20.	2.	64.25	8.016	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	4	3272.5	3271.25	3640.	2900.	125772.917	354.645	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	4	7.9	8.325	10.7	6.8	2.882	1.698	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	4	7.85	7.9	8.3	7.6	0.1	0.316	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	4	7.825	7.823	8.3	7.6	0.108	0.328	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	4	0.015	0.015	0.025	0.005	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	4	124.	129.25	161.	108.	507.583	22.53	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	4 ##	0.01	0.02	0.05	0.01	0.	0.02	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	4	0.02	0.026	0.06	0.005	0.001	0.025	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	4 ##	0.005	0.009	0.02	0.005	0.	0.008	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	4	607.5	567.5	700.	355.	22908.333	151.355	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	4	324.5	289.	379.	128.	12580.667	112.164	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	4	1681.5	1602.25	1850.	1196.	85241.583	291.962	**	**	**	**

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Annual Analysis for 1979 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	4	18.	19.25	28.	13.	56.25	7.5	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	4	64.4	66.55	82.4	55.	185.29	13.612	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	4	183.5	196.75	257.	163.	1846.917	42.976	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	4 ##	5.	5.75	8.	5.	2.25	1.5	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	4	2974.	3187.	4550.	2250.	1126609.333	1061.419	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	4	9.	8.75	9.9	7.1	1.557	1.248	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	3	8.2	8.2	8.3	8.1	0.01	0.1	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	3	8.2	8.192	8.3	8.1	0.01	0.1	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	3	0.006	0.006	0.008	0.005	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	4	136.5	135.25	156.	112.	528.917	22.998	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	4	0.02	0.02	0.03	0.01	0.	0.008	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	4	0.01	0.009	0.01	0.005	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	4	632.5	706.5	1123.	438.	100009.667	316.243	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	4	410.	409.25	563.	254.	17580.917	132.593	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	1	3154.	3154.	3154.	3154.	0.	0.	**	**	**	**

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Annual Analysis for 1980 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	4	23.25	23.375	28.	19.	25.563	5.056	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	4	73.75	73.875	82.	66.	82.729	9.096	**	**	**	**

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Annual Analysis for 1980 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	4	177.5	182.75	237.	139.	1797.583	42.398	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	4 ##	5.	6.25	10.	5.	6.25	2.5	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	4	4199.	3906.5	4960.	2268.	1335518.333	1155.646	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	4	8.15	7.9	8.7	6.6	0.953	0.976	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	4	7.9	7.875	8.	7.7	0.016	0.126	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	4	7.9	7.861	8.	7.7	0.016	0.127	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	4	0.013	0.014	0.02	0.01	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	4	136.	130.5	144.	106.	283.667	16.842	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	4	0.04	0.035	0.04	0.02	0.	0.01	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	4	0.01	0.013	0.02	0.01	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	4	825.	761.75	980.	417.	59512.25	243.951	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	4	468.	433.75	563.	236.	19385.583	139.232	**	**	**	**

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Annual Analysis for 1981 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	5	23.	21.36	29.	13.	37.648	6.136	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	3	73.	73.667	84.	64.	100.333	10.017	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	3	576.	520.	690.	294.	41556.	203.853	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	5	2730.	2722.4	3500.	2070.	275278.8	524.67	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	5	8.3	8.04	9.1	7.	0.703	0.838	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	2	0.5	0.5	0.8	0.2	0.18	0.424	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	5	7.8	7.94	8.4	7.6	0.118	0.344	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	5	7.8	7.846	8.4	7.6	0.129	0.359	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	5	0.016	0.014	0.025	0.004	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	5	142.	146.6	164.	130.	187.8	13.704	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	3 ##	0.01	0.027	0.06	0.01	0.001	0.029	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	5	0.01	0.011	0.02	0.005	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	5 ##	0.005	0.013	0.03	0.005	0.	0.012	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	2	150.	150.	160.	140.	200.	14.142	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	2	64.5	64.5	73.	56.	144.5	12.021	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	2	425.	425.	490.	360.	8450.	91.924	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	2	8.35	8.35	9.5	7.2	2.645	1.626	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	5	640.	704.	1084.	440.	71448.	267.298	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	5	330.	347.2	480.	258.	6897.2	83.049	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	3	1730.	1853.333	2240.	1590.	117033.333	342.101	**	**	**	**

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Annual Analysis for 1982 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	10	17.25	18.45	28.	10.	47.247	6.874	10.05	12.75	26.875	28.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	4	60.8	63.725	82.4	50.9	181.643	13.477	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	6	185.5	191.167	257.	139.	1612.967	40.162	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	10	3200.	3234.	4500.	2100.	817004.444	903.883	2115.	2317.5	4100.	4490.
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	10	9.8	9.43	10.4	7.2	0.909	0.953	7.34	8.975	10.125	10.38
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	6	1.1	1.3	2.5	0.7	0.48	0.693	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	7	7.9	7.957	8.5	7.8	0.06	0.244	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	7	7.9	7.915	8.5	7.8	0.062	0.248	**	**	**	**

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Annual Analysis for 1982 - Station AMIS0074

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	12/04/71-07/06/93	7	0.013	0.012	0.016	0.003	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	10	145.	147.1	180.	117.	440.544	20.989	117.9	129.	164.5	179.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	9 ##	0.005	0.019	0.05	0.005	0.	0.021	0.005	0.005	0.045	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	9 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	6	165.	148.167	180.	99.	1196.167	34.586	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	6	77.5	69.333	82.	46.	223.867	14.962	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	6	440.	438.333	560.	280.	11736.667	108.336	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	6	7.1	7.15	8.8	5.3	1.739	1.319	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	10	780.	655.6	973.	45.	119844.933	346.186	51.3	372.	950.	970.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	10	415.	398.3	550.	238.	13093.344	114.426	239.2	287.5	500.	545.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	6	0.8	0.833	0.9	0.8	0.003	0.052	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	6	14.	13.667	15.	12.	1.067	1.033	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	10	2010.	1964.2	2480.	1260.	230686.622	480.298	1280.4	1506.	2462.	2480.

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Annual Analysis for 1983 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	10	20.5	20.89	31.	13.	43.077	6.563	13.1	14.9	27.375	30.75
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	4	67.3	70.45	87.8	59.4	182.217	13.499	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	6	156.5	150.167	195.	102.	1435.767	37.892	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	10	2815.	3134.5	4500.	1960.	793913.611	891.018	1996.	2455.	4018.75	4457.5
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	10	9.25	9.4	11.6	7.8	0.962	0.981	7.89	8.925	9.85	11.44
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	6	1.2	2.183	8.	0.3	8.318	2.884	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	11	7.8	7.773	8.2	7.1	0.102	0.32	7.18	7.5	8.1	8.18
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	11	7.8	7.652	8.2	7.1	0.118	0.344	7.18	7.5	8.1	8.18
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	11	0.016	0.022	0.079	0.006	0.	0.021	0.007	0.008	0.032	0.07
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	10	130.	125.3	160.	95.	397.789	19.945	95.9	108.5	138.5	158.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	4	0.04	0.063	0.16	0.01	0.005	0.068	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	10	0.015	0.035	0.12	0.005	0.001	0.036	0.006	0.01	0.053	0.114
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	10 ##	0.018	0.025	0.07	0.005	0.001	0.023	0.005	0.005	0.04	0.067
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	6	120.	127.	180.	86.	1367.6	36.981	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	6	55.	62.	88.	43.	350.8	18.73	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	6	355.	405.	570.	270.	15510.	124.539	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	6	6.4	6.933	8.7	5.7	1.555	1.247	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	10	672.	715.9	1021.	411.	53857.656	232.073	415.9	520.	947.5	1018.9
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	10	332.5	364.5	540.	250.	10046.944	100.234	253.	287.5	465.	537.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	6	0.8	0.783	0.8	0.7	0.002	0.041	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	6	11.	11.95	15.	9.7	4.255	2.063	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	10	1697.	1923.2	2756.	1210.	309648.178	556.46	1235.	1482.5	2500.	2733.4

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Annual Analysis for 1984 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	9	24.5	21.5	30.2	11.	64.848	8.053	11.	11.9	29.25	30.2
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	3	86.	75.2	86.4	53.2	363.04	19.054	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	6	151.	164.167	310.	87.	6020.967	77.595	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	9	2990.	2880.	3400.	2200.	147775.	384.415	2200.	2600.	3070.	3400.
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	9	9.7	9.4	10.6	7.5	0.895	0.946	7.5	8.9	9.85	10.6
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	6	1.	0.967	1.3	0.6	0.075	0.273	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	7	7.9	7.814	8.1	7.5	0.041	0.204	**	**	**	**

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Annual Analysis for 1984 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	7	7.9	7.772	8.1	7.5	0.044	0.209	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	7	0.013	0.017	0.032	0.008	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	9	140.	132.556	170.	98.	636.278	25.225	98.	105.	152.5	170.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	3	0.04	0.043	0.07	0.02	0.001	0.025	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	9 ##	0.005	0.012	0.05	0.005	0.	0.015	0.005	0.005	0.01	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	9 ##	0.005	0.01	0.03	0.005	0.	0.009	0.005	0.005	0.015	0.03
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	6	135.	126.667	150.	90.	506.667	22.509	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	6	65.	63.	71.	49.	58.	7.616	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	6	390.	385.	430.	300.	2150.	46.368	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	6	7.05	6.95	7.5	5.9	0.331	0.575	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	9	686.	648.333	770.	471.	10477.	102.357	471.	560.	710.	770.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	9	380.	375.	465.	270.	4162.5	64.517	270.	325.	420.	465.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	6	0.8	0.833	0.9	0.8	0.003	0.052	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	6	12.5	12.167	13.	11.	0.967	0.983	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	9	1800.	1749.333	2040.	1328.	62987.	250.972	1328.	1530.	1920.	2040.

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Annual Analysis for 1985 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	14	19.65	20.2	30.1	11.7	32.852	5.732	11.85	16.25	23.375	30.05
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	2	69.65	69.65	86.2	53.1	547.805	23.405	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	8	148.	174.375	427.	92.	11018.554	104.969	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	13	3380.	3423.077	4200.	2390.	287939.744	536.6	2526.	3035.	3870.	4132.
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	13	8.6	8.869	10.6	8.1	0.542	0.736	8.14	8.35	9.1	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	11	1.	1.036	1.8	0.5	0.105	0.323	0.56	0.8	1.2	1.68
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	14	8.1	8.114	9.1	7.5	0.186	0.431	7.55	7.8	8.3	8.95
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	14	8.1	7.96	9.1	7.5	0.212	0.46	7.55	7.8	8.3	8.95
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	14	0.008	0.011	0.032	0.001	0.	0.009	0.001	0.005	0.016	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	13	148.	137.615	163.	103.	459.756	21.442	103.8	112.5	152.	160.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	8	0.02	0.031	0.09	0.01	0.001	0.027	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	13	0.02	0.156	1.3	0.005	0.141	0.375	0.005	0.01	0.025	1.004
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	13 ##	0.005	0.008	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.016
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	6	140.	145.	180.	110.	670.	25.884	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	6	67.5	70.5	87.	56.	165.1	12.849	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	6	425.	446.667	600.	310.	11266.667	106.145	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	6	7.65	7.617	8.9	6.	1.27	1.127	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	13	638.	652.846	1000.	343.	32366.641	179.907	356.6	558.5	745.	948.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	13	408.	427.923	625.	290.	8662.077	93.07	306.	377.	490.	595.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	6	0.85	0.917	1.3	0.8	0.038	0.194	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	6	12.	13.117	21.	9.7	17.362	4.167	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	13	1892.	1976.769	2550.	1450.	113349.692	336.674	1542.	1767.	2249.	2534.

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Annual Analysis for 1986 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	10	20.25	20.1	28.	9.9	36.709	6.059	10.23	15.075	26.275	28.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	7	290.	284.857	460.	126.	13885.476	117.837	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	9	4080.	4409.111	6832.	2750.	1998781.111	1413.783	2750.	3392.	5645.	6832.
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	10	8.7	9.18	11.6	7.5	1.526	1.235	7.58	8.375	10.1	11.51
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	7	1.6	1.957	5.5	0.6	2.7	1.643	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	10	8.	8.03	8.3	7.6	0.033	0.183	7.64	8.	8.125	8.29

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Annual Analysis for 1986 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	10	8.	7.99	8.3	7.6	0.035	0.188	7.64	8.	8.125	8.29
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	10	0.01	0.01	0.025	0.005	0.	0.006	0.005	0.008	0.01	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	9	156.	154.111	170.	129.	207.611	14.409	129.	142.5	168.	170.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	9	0.06	0.067	0.13	0.04	0.001	0.027	0.04	0.05	0.075	0.13
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	9	0.01	0.024	0.1	0.005	0.001	0.03	0.005	0.008	0.03	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	9 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.008	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	5	190.	182.	220.	130.	1070.	32.711	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	5	90.	81.2	100.	59.	300.7	17.341	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	5	530.	522.	710.	370.	15670.	125.18	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	5	8.7	9.1	12.	7.4	2.965	1.722	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	9	990.	976.667	1307.	590.	61929.75	248.857	590.	745.	1196.5	1307.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	9	550.	531.444	787.	180.	39685.778	199.213	180.	385.	728.	787.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	5	0.8	0.84	0.9	0.8	0.003	0.055	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	5	13.	12.48	15.	9.4	4.152	2.038	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	7	2460.	2650.	3440.	1710.	396800.	629.921	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	12	17.5	19.592	29.5	13.	39.003	6.245	13.	13.975	26.5	29.05
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	12	264.	316.833	552.	208.	12175.606	110.343	210.7	232.75	380.	524.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	10	5485.	5725.5	7152.	4830.	521770.056	722.337	4848.	5205.	6349.75	7072.3
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	12	9.3	9.883	15.5	7.4	4.769	2.184	7.61	8.325	10.775	14.45
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	8	1.45	1.65	3.2	0.8	0.674	0.821	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	11	8.1	8.025	8.27	7.4	0.053	0.229	7.5	8.	8.1	8.256
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	11	8.1	7.949	8.27	7.4	0.059	0.243	7.5	8.	8.1	8.256
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	11	0.008	0.011	0.04	0.005	0.	0.01	0.006	0.008	0.01	0.034
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	9	148.	145.667	172.	114.	330.	18.166	114.	130.	158.5	172.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	12	0.06	0.058	0.11	0.01	0.001	0.037	0.01	0.023	0.098	0.107
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	12	0.015	0.026	0.12	0.005	0.001	0.032	0.005	0.01	0.03	0.096
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	10 ##	0.008	0.011	0.04	0.005	0.	0.011	0.005	0.005	0.01	0.037
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	8	233.	241.875	330.	190.	1798.411	42.408	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	8	103.5	107.875	150.	88.	395.839	19.896	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	8	760.	777.	960.	632.	9264.	96.25	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	8	12.	14.75	30.	12.	38.786	6.228	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	12	1179.	1126.083	1500.	140.	119670.265	345.934	379.4	1106.25	1350.	1470.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	12	827.	782.167	960.	112.	50405.424	224.512	288.4	761.	907.5	946.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	8	0.9	0.863	0.9	0.8	0.003	0.052	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	8	14.	14.25	18.	11.	7.071	2.659	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	8	3520.	3496.75	3860.	3150.	49873.071	223.323	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	12	20.25	19.942	29.5	11.	49.497	7.035	11.03	12.325	27.125	29.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	10	191.5	186.	218.	132.	712.444	26.692	135.1	165.25	208.75	217.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	7	5180.	5325.714	7360.	3500.	1372561.905	1171.564	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	12	8.85	9.017	10.6	6.6	1.307	1.143	7.08	8.3	9.875	10.6
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	8	1.05	1.038	1.6	0.4	0.134	0.366	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	11	8.1	7.991	8.3	7.4	0.101	0.318	7.4	7.8	8.2	8.28
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	11	8.1	7.862	8.3	7.4	0.119	0.345	7.4	7.8	8.2	8.28

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Annual Analysis for 1988 - Station AMIS0074

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	12/04/71-07/06/93	11	0.008	0.014	0.04	0.005	0.	0.013	0.005	0.006	0.016	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	12	148.5	143.917	166.	118.	276.629	16.632	118.6	127.25	158.	164.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	12	0.045	0.048	0.09	0.01	0.001	0.027	0.013	0.023	0.078	0.087
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	12	0.01	0.015	0.03	0.005	0.	0.01	0.005	0.005	0.028	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	9 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	11	210.	203.636	252.	138.	1751.055	41.846	140.4	160.	250.	251.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	11	109.	99.455	131.	66.	480.473	21.92	66.6	79.	120.	128.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	11	700.	696.636	877.	471.	27882.655	166.981	472.8	484.	860.	875.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	11	10.	9.982	12.	7.8	2.884	1.698	7.84	8.	12.	12.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	12	1150.	1062.5	1402.	694.	61729.545	248.454	715.	805.5	1289.	1371.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	12	760.	715.	890.	484.	23848.909	154.431	491.8	546.75	868.5	884.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	10	0.85	0.82	0.9	0.6	0.011	0.103	0.61	0.775	0.9	0.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	11	15.	14.182	17.	9.	5.964	2.442	9.4	13.	16.	17.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	8	3145.	3060.	3820.	2230.	443142.857	665.69	**	**	**	**

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Annual Analysis for 1989 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	10	20.2	21.14	32.3	6.	63.723	7.983	6.69	16.2	28.25	31.97
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	10	139.5	147.8	220.	89.	1710.844	41.362	91.	113.5	181.25	216.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	7	3670.	3938.714	4770.	3010.	499061.571	706.443	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	10	9.	9.79	13.	6.4	5.094	2.257	6.54	8.175	12.025	12.91
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	6	0.8	0.783	1.5	0.2	0.254	0.504	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	10	8.1	8.03	8.7	7.2	0.187	0.432	7.24	7.675	8.325	8.67
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	10	8.1	7.82	8.7	7.2	0.236	0.486	7.24	7.675	8.325	8.67
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	10	0.008	0.015	0.063	0.002	0.	0.018	0.002	0.005	0.021	0.059
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	9	127.	133.444	172.	108.	535.028	23.131	108.	110.5	153.5	172.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	10	0.065	0.067	0.1	0.04	0.	0.019	0.04	0.055	0.083	0.099
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	10	0.01	0.047	0.33	0.005	0.01	0.1	0.005	0.009	0.033	0.301
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	10 ##	0.008	0.01	0.03	0.	0.	0.009	0.001	0.005	0.013	0.029
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	10	168.	168.6	220.	120.	1032.044	32.125	121.	137.5	192.5	218.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	10	82.	82.3	98.	65.	136.233	11.672	65.6	71.75	96.25	97.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	10	560.5	558.3	722.	410.	10357.344	101.771	413.	470.	647.5	716.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	10	8.7	9.05	11.	7.6	1.492	1.221	7.64	8.15	10.25	11.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	10	857.	885.9	1113.	700.	23757.433	154.134	701.4	741.	1025.	1111.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	10	548.	553.3	720.	410.	10691.344	103.399	414.	468.75	657.25	715.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	10	0.9	0.86	0.9	0.8	0.003	0.052	0.8	0.8	0.9	0.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	10	13.5	13.8	16.	13.	1.067	1.033	13.	13.	14.25	15.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	7	2320.	2403.714	3040.	1800.	181216.571	425.695	**	**	**	**

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Annual Analysis for 1990 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	10	21.55	21.42	29.9	12.1	53.886	7.341	12.14	14.375	28.375	29.86
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	10	157.	196.	380.	89.	8268.222	90.93	92.5	127.	268.25	370.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	7	3450.	3775.714	5220.	2770.	836028.571	914.346	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	10	8.65	8.76	10.4	6.7	1.725	1.313	6.76	7.525	10.025	10.37
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	6	1.05	1.167	2.1	0.3	0.607	0.779	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	10	8.15	8.1	8.3	7.6	0.042	0.205	7.64	8.	8.225	8.3
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	10	8.147	8.046	8.3	7.6	0.045	0.213	7.64	8.	8.225	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	10	0.007	0.009	0.025	0.005	0.	0.006	0.005	0.006	0.01	0.024

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Annual Analysis for 1990 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	5	136.	135.2	164.	107.	757.7	27.526	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	10	0.04	0.067	0.23	0.01	0.004	0.067	0.011	0.02	0.095	0.218
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	10	0.025	0.053	0.34	0.005	0.01	0.102	0.005	0.005	0.035	0.311
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	9 ##	0.005	0.021	0.09	0.005	0.001	0.028	0.005	0.005	0.03	0.09
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	9	140.	157.667	204.	120.	1138.	33.734	120.	133.	200.	204.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	9	72.	76.	110.	53.	285.	16.882	53.	68.	85.	110.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	9	491.	527.444	740.	380.	13692.528	117.015	380.	440.	621.5	740.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	9	8.1	8.611	11.	7.9	0.989	0.994	7.9	8.	9.	11.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	10	848.	898.7	1270.	610.	51117.789	226.092	614.	732.5	1125.	1263.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	10	509.5	537.9	700.	380.	13000.767	114.021	383.	455.	640.	700.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	9	0.6	0.558	0.88	0.05	0.065	0.254	0.05	0.4	0.75	0.88
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	9	13.	12.822	15.	9.4	3.084	1.756	9.4	11.5	14.	15.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	6	2095.	2371.667	3380.	1720.	473296.667	687.966	**	**	**	**

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Annual Analysis for 1991 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	11	22.6	21.782	30.	10.1	41.308	6.427	11.18	16.	27.5	29.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	10	177.	178.	337.	107.	4946.	70.328	107.1	111.	207.75	326.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	6	3605.	3946.667	5210.	2900.	990226.667	995.101	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	11	7.9	8.527	11.2	6.9	1.982	1.408	7.	7.4	9.9	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	6	1.1	1.033	1.5	0.5	0.155	0.393	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	10	8.2	8.21	8.3	8.	0.008	0.088	8.02	8.2	8.3	8.3
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	10	8.2	8.201	8.3	8.	0.008	0.088	8.02	8.2	8.3	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	10	0.006	0.006	0.01	0.005	0.	0.001	0.005	0.005	0.006	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	7	150.	135.714	174.	100.	1009.571	31.774	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	10	0.04	0.045	0.08	0.01	0.	0.022	0.012	0.03	0.063	0.079
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	10	0.02	0.018	0.05	0.005	0.	0.013	0.005	0.009	0.02	0.047
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	8 ##	0.005	0.007	0.02	0.005	0.	0.005	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	10	165.	172.	230.	120.	1864.667	43.182	121.	130.	215.75	230.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	10	77.5	82.	110.	62.	256.889	16.028	62.6	68.75	99.25	109.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	10	583.5	586.8	777.	390.	18117.289	134.6	397.	460.	737.5	775.3
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	10	8.15	9.03	12.	7.8	2.218	1.489	7.82	8.	10.25	11.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	10	926.5	962.8	1360.	600.	64748.4	254.457	612.	735.	1225.	1354.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	10	519.	550.	810.	420.	14338.444	119.743	421.	460.	617.25	795.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	10	0.9	0.912	1.1	0.8	0.008	0.09	0.8	0.86	0.97	1.09
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	10	11.5	13.86	37.	8.7	68.967	8.305	8.82	9.975	13.25	34.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	6	2230.	2418.333	3220.	1710.	416256.667	645.18	**	**	**	**

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

Annual Analysis for 1992 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	8	21.9	20.738	30.8	10.8	43.317	6.582	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	8	231.5	321.25	891.	198.	54661.929	233.799	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	4	4600.	4157.5	5080.	2350.	1511291.667	1229.346	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	8	8.15	8.413	9.9	7.2	1.064	1.032	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	4	0.65	0.775	1.3	0.5	0.143	0.377	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	8	8.1	8.113	8.3	7.9	0.016	0.125	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	8	8.1	8.097	8.3	7.9	0.016	0.126	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	8	0.008	0.008	0.013	0.005	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	4	145.	146.	160.	134.	146.667	12.111	**	**	**	**

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Annual Analysis for 1992 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	8	0.025	0.11	0.69	0.02	0.055	0.235	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	8	0.02	0.021	0.05	0.005	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	8 ##	0.005	0.008	0.02	0.005	0.	0.005	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	6	185.	159.167	210.	80.	3289.767	57.356	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	6	90.5	75.833	120.	16.	1463.367	38.254	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	6	675.	535.333	750.	116.	70300.267	265.142	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	6	8.2	7.9	11.	4.	8.62	2.936	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	8	1100.	986.75	1360.	470.	113773.643	337.303	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	8	610.	583.75	720.	270.	18616.214	136.441	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	6	0.9	0.912	1.3	0.6	0.051	0.226	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	6	11.	11.183	16.	8.3	6.706	2.59	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	4	2935.	2592.5	3200.	1300.	761825.	872.826	**	**	**	**

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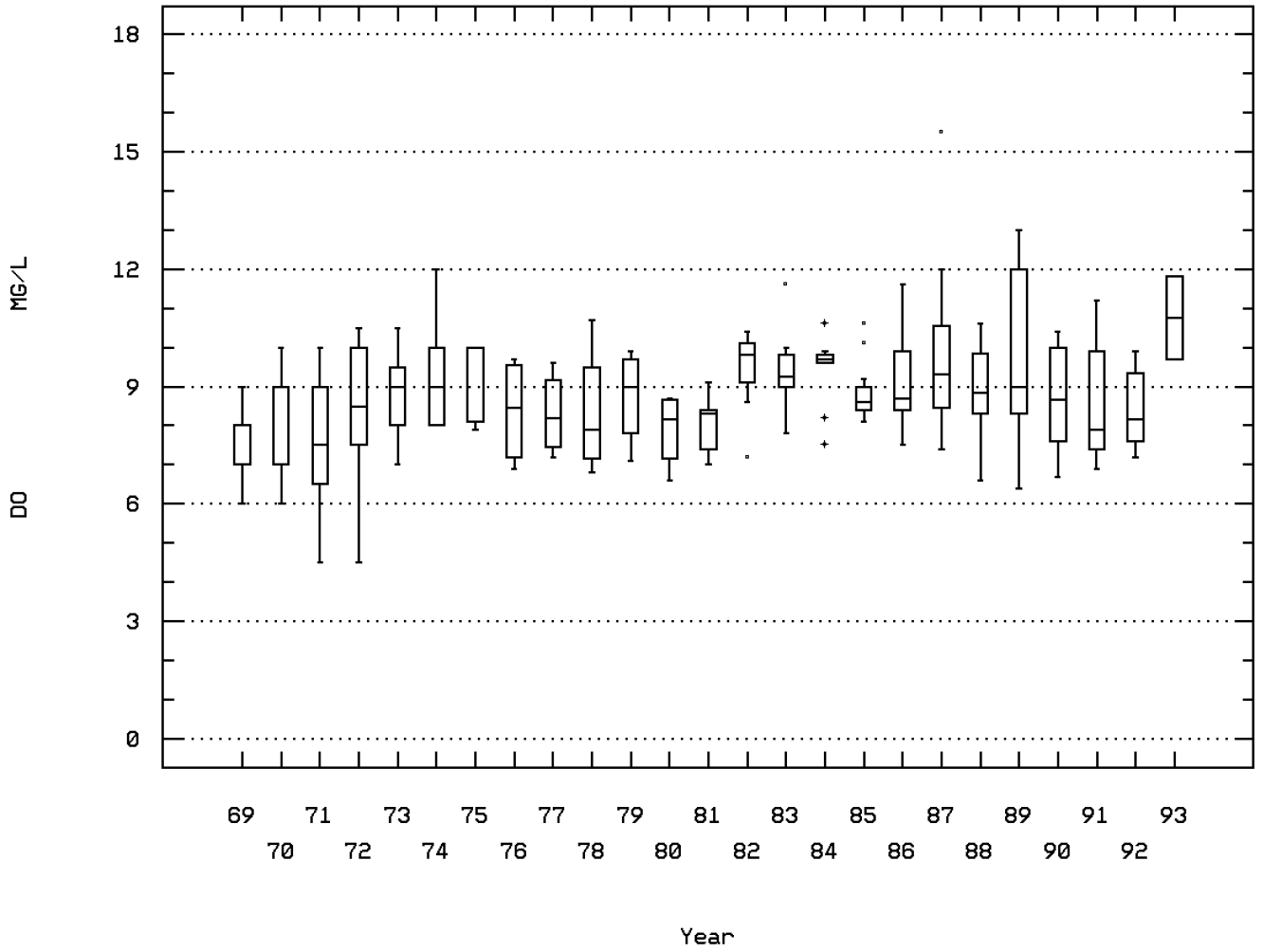
Annual Analysis for 1993 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	2	22.65	22.65	28.	17.3	57.245	7.566	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	2	155.	155.	162.	148.	98.	9.899	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	2	10.75	10.75	11.8	9.7	2.205	1.485	**	**	**	**
00400p	PH (STANDARD UNITS)	12/04/71-07/06/93	2	8.05	8.05	8.1	8.	0.005	0.071	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	2	8.047	8.047	8.1	8.	0.005	0.071	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	2	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	2	130.	130.	144.	116.	392.	19.799	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	2	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	2	1015.	1015.	1240.	790.	101250.	318.198	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	2	531.5	531.5	652.	411.	29040.5	170.413	**	**	**	**

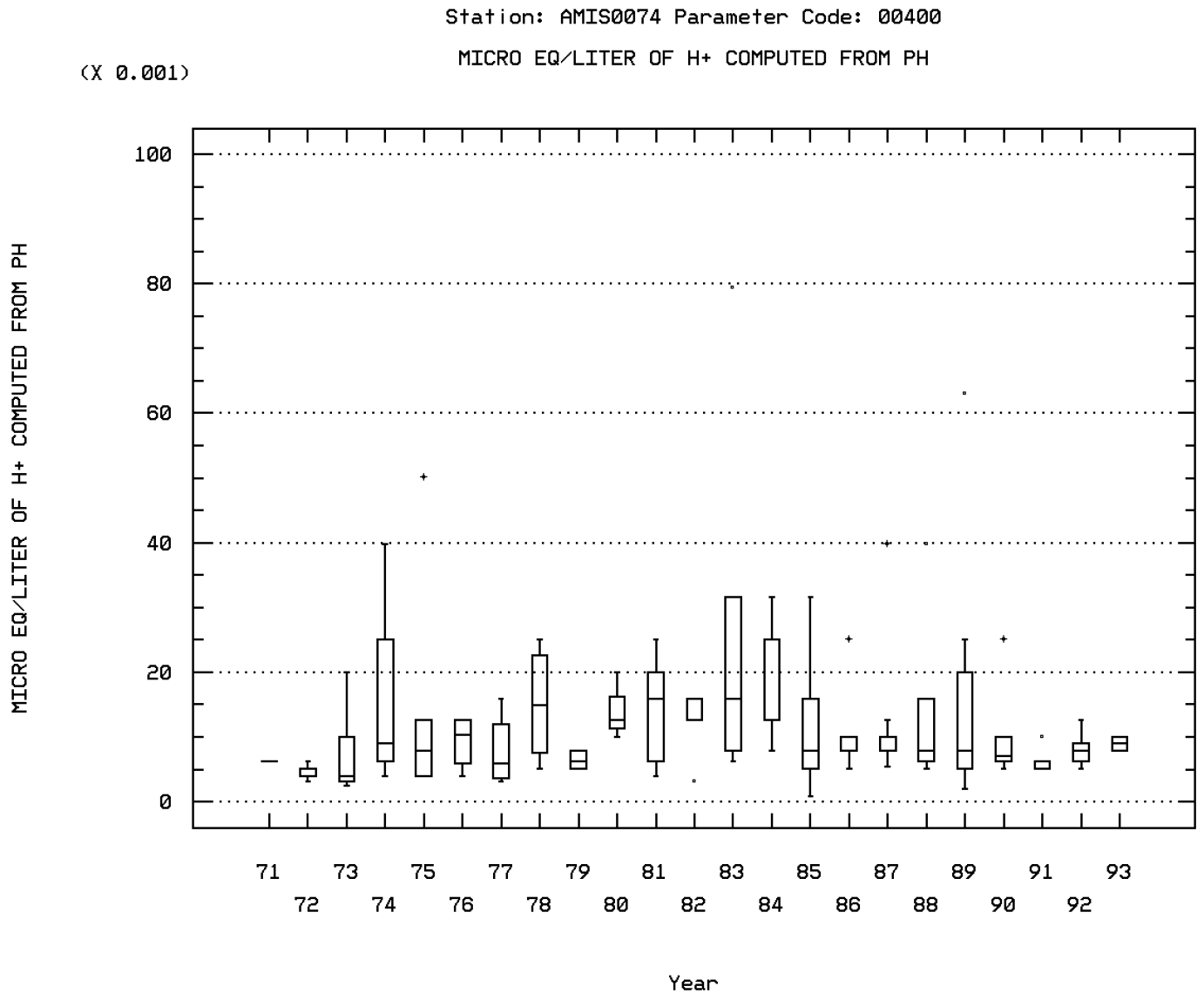
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: AMIS0074 Parameter Code: 00300

OXYGEN, DISSOLVED



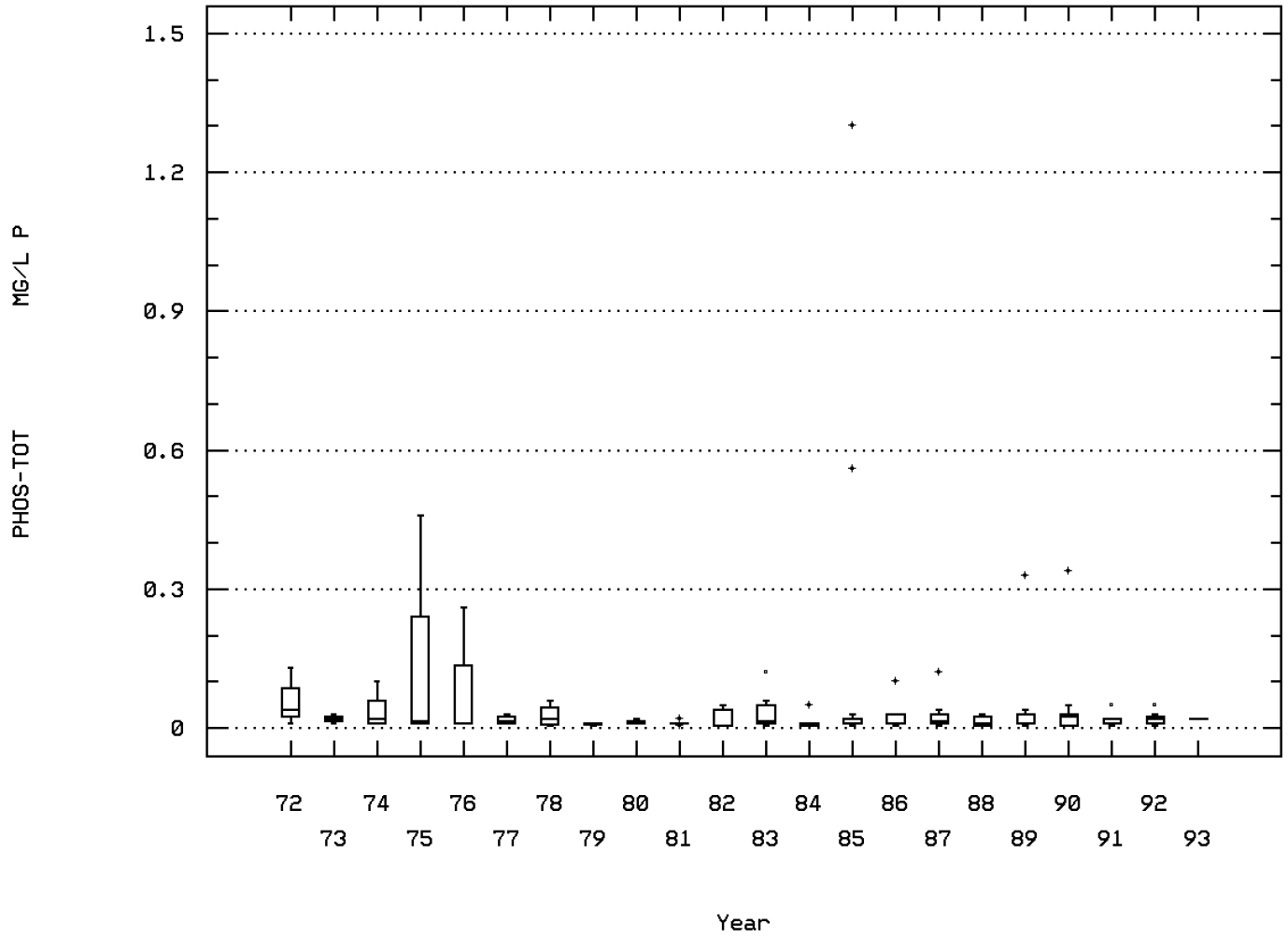
PECOS RIVER NEAR LANGTRY



PECOS RIVER NEAR LANGTRY

Station: AMIS0074 Parameter Code: 00665

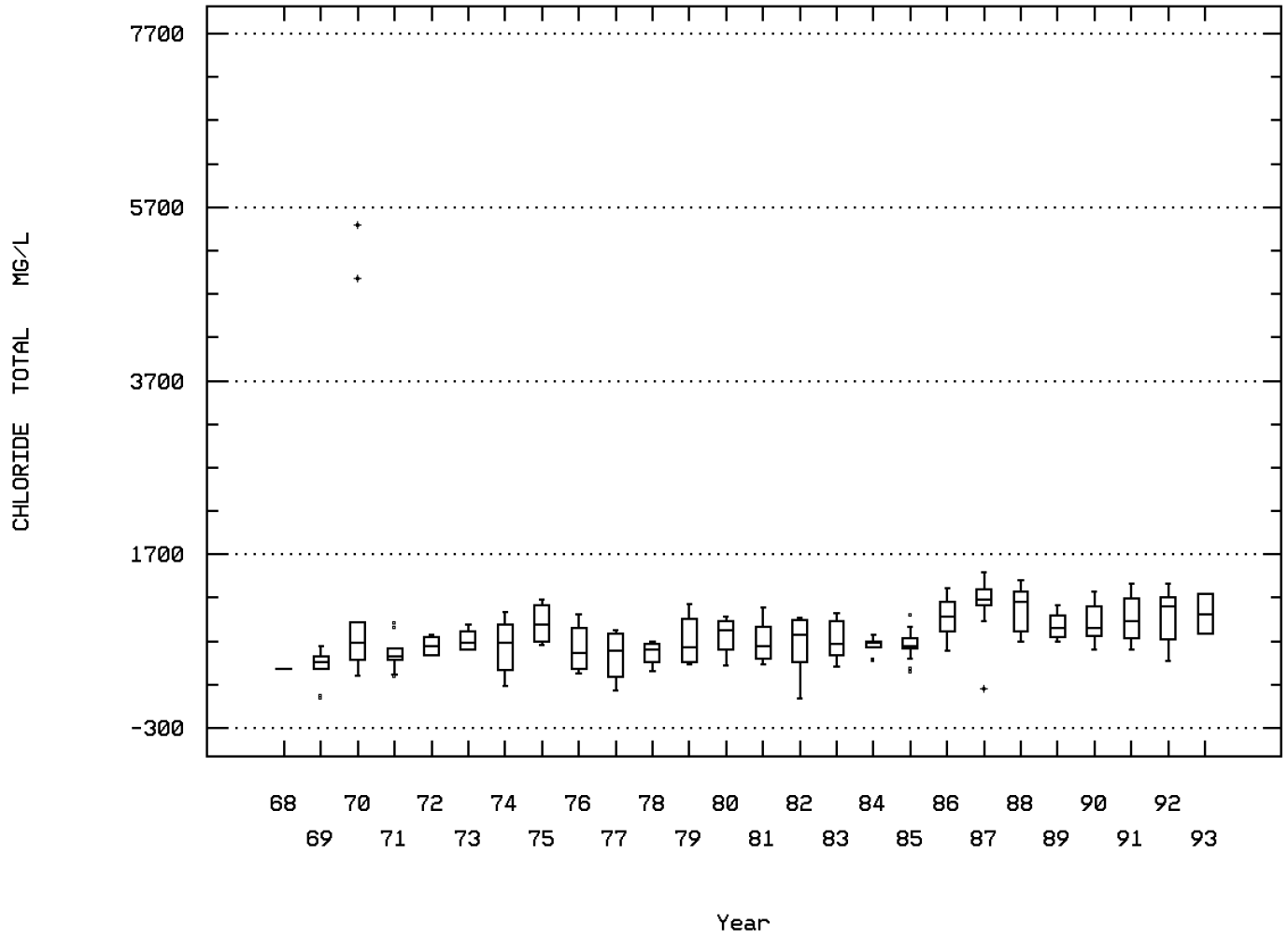
PHOSPHORUS, TOTAL (MG/L AS P)



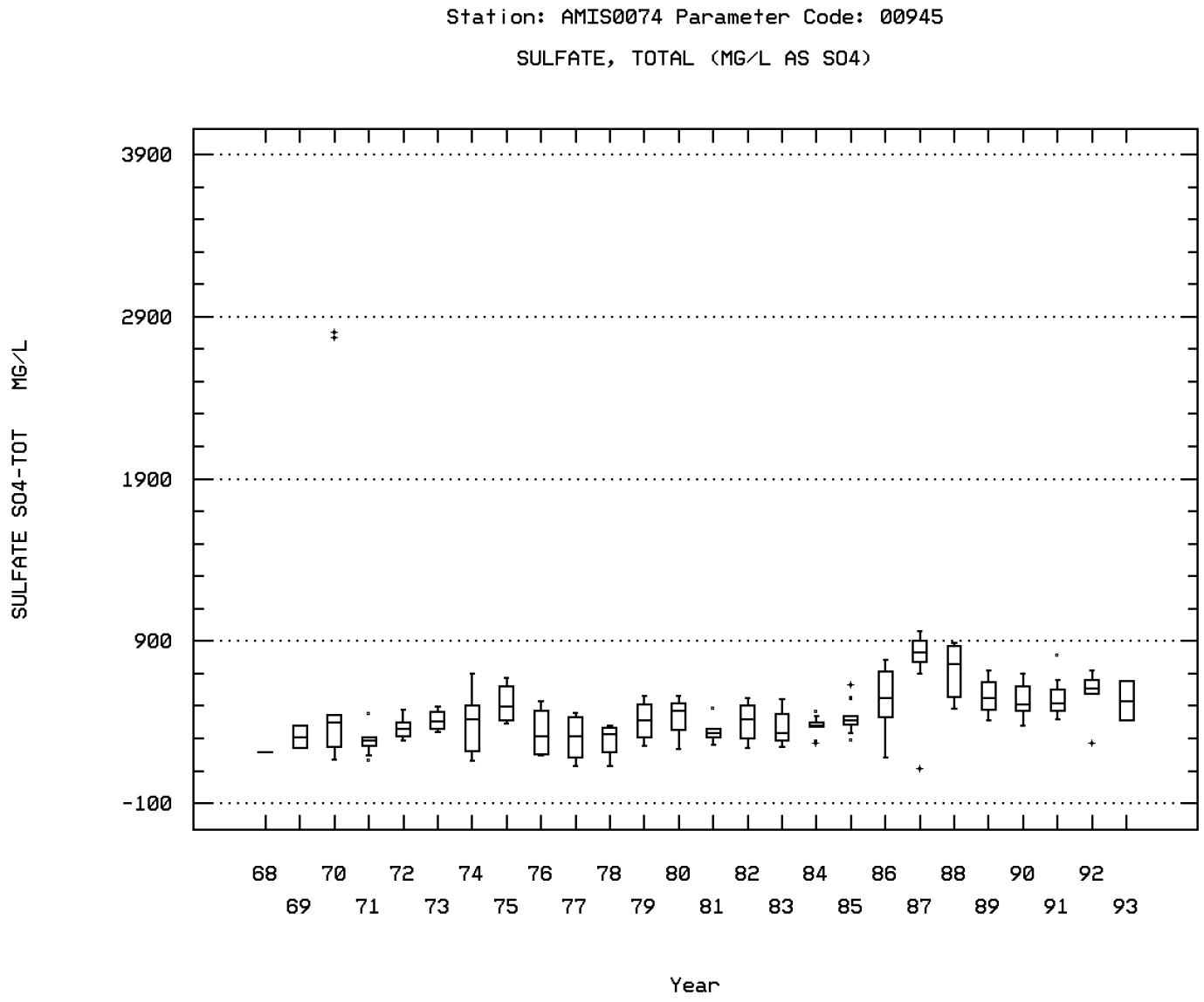
PECOS RIVER NEAR LANGTRY

Station: AMIS0074 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



PECOS RIVER NEAR LANGTRY



PECOS RIVER NEAR LANGTRY

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	72	27.9	26.682	32.3	17.	10.374	3.221	21.1	24.425	29.	30.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	37	82.	80.486	88.	69.	27.75	5.268	70.	78.	84.1	86.24
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	46	172.5	286.957	3186.	78.	215663.065	464.395	94.6	118.75	270.25	488.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	31	6.	12.532	95.	2.5	300.366	17.331	3.	5.	15.	28.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/07/81-08/24/92	22	1.55	3.482	30.	0.8	37.962	6.161	0.8	1.325	2.6	6.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/04/71-07/06/93	32	2550.	2821.75	5530.	1220.	1141246.065	1068.291	1629.	2055.	3152.5	4907.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	58	2816.	3026.207	6355.	1600.	1007105.641	1003.547	1956.5	2292.	3427.5	4776.
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	72	8.	7.96	11.8	4.5	1.521	1.233	6.6	7.025	8.675	9.67
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/07/81-03/17/93	6	104.	104.85	122.	93.4	90.583	9.518	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	39	1.	1.145	3.2	0.25	0.457	0.676	0.3	0.7	1.5	2.
00400	PH (STANDARD UNITS)	12/04/71-07/06/93	55	8.	7.996	8.5	7.2	0.103	0.321	7.5	7.8	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	55	8.	7.871	8.5	7.2	0.119	0.345	7.5	7.8	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	55	0.01	0.013	0.063	0.003	0.	0.012	0.004	0.005	0.016	0.032
00403p	PH, LAB, STANDARD UNITS SU	10/17/68-11/14/90	35	8.2	8.134	8.4	7.6	0.041	0.201	7.86	8.	8.3	8.4
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/17/68-11/14/90	35	8.2	8.082	8.4	7.6	0.043	0.208	7.86	8.	8.3	8.4
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/68-11/14/90	35	0.006	0.008	0.025	0.004	0.	0.005	0.004	0.005	0.01	0.014
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	39	127.	126.103	174.	95.	367.41	19.168	105.	110.	138.	156.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-07/06/93	29	10.	18.086	166.	0.5	950.43	30.829	3.	5.	16.5	41.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/14/72-07/06/93	29	4.	4.793	19.	0.5	20.991	4.582	0.5	1.5	5.5	10.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/07/81-08/24/92	23	0.06	0.06	0.11	0.02	0.001	0.027	0.02	0.04	0.07	0.106
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	43	0.05	0.056	0.4	0.01	0.004	0.06	0.01	0.03	0.07	0.096
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/11/85-08/24/92	14 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.008
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/24/86-07/06/93	9	0.01	0.024	0.15	0.005	0.002	0.047	0.005	0.005	0.015	0.15
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-07/06/93	30	0.575	0.645	2.4	0.005	0.327	0.572	0.047	0.215	0.893	1.58
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/07/81-07/06/93	24	0.44	0.553	1.2	0.1	0.114	0.338	0.15	0.3	0.8	1.15
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/07/81-08/24/92	23	0.3	0.342	1.1	0.05	0.094	0.307	0.05	0.1	0.5	0.9
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-08/21/85	18	0.07	0.323	4.	0.015	0.853	0.924	0.015	0.03	0.158	0.76
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-08/21/85	16 ##	0.015	0.025	0.09	0.015	0.	0.021	0.015	0.015	0.03	0.069
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	53	0.02	0.052	1.3	0.005	0.031	0.177	0.005	0.01	0.03	0.06
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/07/81-08/24/92	23 ##	0.005	0.012	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.032
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	48 ##	0.005	0.01	0.04	0.005	0.	0.01	0.005	0.005	0.01	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/06/93	19	2.6	3.632	12.	0.5	11.163	3.341	0.5	2.	4.	11.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	32	138.	154.344	270.	80.	2609.523	51.083	91.8	120.	187.5	238.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	32	70.5	72.813	120.	16.	475.06	21.796	46.9	59.75	91.	104.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	32	465.	489.469	802.	116.	27807.16	166.755	286.	372.5	624.	745.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	32	8.	9.019	30.	4.	19.152	4.376	5.76	7.425	9.375	12.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	66	595.	647.455	1360.	108.	72360.867	269.	366.2	458.75	782.5	1100.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	63	340.	390.048	960.	112.	36623.143	191.372	186.4	250.	480.	712.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	32	0.8	0.835	1.3	0.4	0.018	0.133	0.73	0.8	0.9	0.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	32	14.	14.697	37.	9.4	22.304	4.723	11.	13.	15.	17.7
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/07/81-08/20/91	15	1.	1.	2.	0.5	0.107	0.327	0.5	1.	1.	1.4
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/07/81-08/24/92	17	100.	96.471	240.	50.	3711.765	60.924	50.	50.	100.	208.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/20/91	13 ##	5.	4.635	5.	0.25	1.736	1.317	2.15	5.	5.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/07/81-08/20/91	15 ##	0.5	1.	5.	0.	1.429	1.195	0.3	0.5	1.	3.2
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/07/81-08/20/91	15 ##	0.5	1.7	10.	0.5	6.85	2.617	0.5	0.5	1.	7.
01035	COBALT, DISSOLVED (UG/L AS CO)	10/07/81-08/24/92	17 ##	0.5	0.912	5.	0.	1.32	1.149	0.4	0.5	0.75	2.6
01040	COPPER, DISSOLVED (UG/L AS CU)	10/07/81-08/20/91	15 ##	0.5	1.	5.	0.5	1.286	1.134	0.5	0.5	1.	2.6
01046	IRON, DISSOLVED (UG/L AS FE)	10/07/81-08/24/92	17	20.	251.706	3900.	5.	884105.096	940.269	5.	15.	30.	836.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/07/81-08/20/91	15 ##	2.	2.267	10.	0.5	6.317	2.513	0.5	0.5	2.5	7.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/07/81-08/24/92	17 ##	5.	39.824	590.	2.	20104.279	141.79	4.4	5.	5.	126.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-08/24/92	15	5.	5.467	10.	3.	3.267	1.807	3.6	5.	6.	9.4
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/07/81-08/24/92	17 ##	0.5	1.324	6.	0.	2.873	1.695	0.4	0.5	2.	5.2
01075	SILVER, DISSOLVED (UG/L AS AG)	10/07/81-08/24/92	17 ##	0.5	0.618	2.5	0.	0.267	0.516	0.4	0.5	0.5	1.3
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/27/82-08/24/92	15	2200.	2295.333	4400.	320.	1203726.667	1097.145	374.	1900.	2700.	4040.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-08/24/92	15	17.	17.133	30.	8.	40.41	6.357	8.	11.	22.	26.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/07/81-08/20/91	15	5.	18.667	60.	5.	298.095	17.265	5.	5.	30.	48.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-08/24/92	15 ##	5.	9.	40.	5.	90.	9.487	5.	5.	10.	28.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/27/82-08/24/92	15	70.	66.067	100.	11.	432.067	20.786	34.4	60.	80.	94.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/07/81-08/24/92	16 ##	0.5	0.531	1.	0.	0.049	0.221	0.35	0.5	0.5	1.

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

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0074

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	09/10/74-03/17/93	18	11.	41.611	270.	2.	5385.075	73.383	2.	5.	36.	189.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-03/17/93	18	1.04	1.15	2.431	0.301	0.382	0.618	0.301	0.699	1.549	2.273
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.114								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/24/92	23	22.	20.391	52.	4.	195.431	13.98	4.	8.	27.	45.6
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/24/92	23	1.342	1.19	1.716	0.602	0.126	0.354	0.602	0.903	1.431	1.658
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			15.489								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/24/92	23	31.	46.261	450.	4.	7960.838	89.224	6.8	17.	35.	61.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/24/92	23	1.491	1.421	2.653	0.602	0.16	0.401	0.828	1.23	1.544	1.787
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			26.366								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/11/72-07/06/93	25 ##	2.	3.628	21.4	0.5	20.17	4.491	0.5	1.5	4.	9.28
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/06/93	18 ##	1.	1.337	2.06	0.	0.446	0.668	0.45	1.	2.	2.006
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	30	1800.	1977.767	3590.	1196.	468904.668	684.766	1215.	1457.5	2180.	3189.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/81-08/24/92	22	81.5	75.909	97.	12.	473.039	21.749	39.5	63.	90.75	96.4
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/07/81-08/20/91	15 ##	0.05	0.19	0.9	0.05	0.074	0.273	0.05	0.05	0.1	0.72
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/07/81-08/24/92	22	13.5	20.818	79.	4.	359.299	18.955	6.	7.75	26.25	51.6

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Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0074

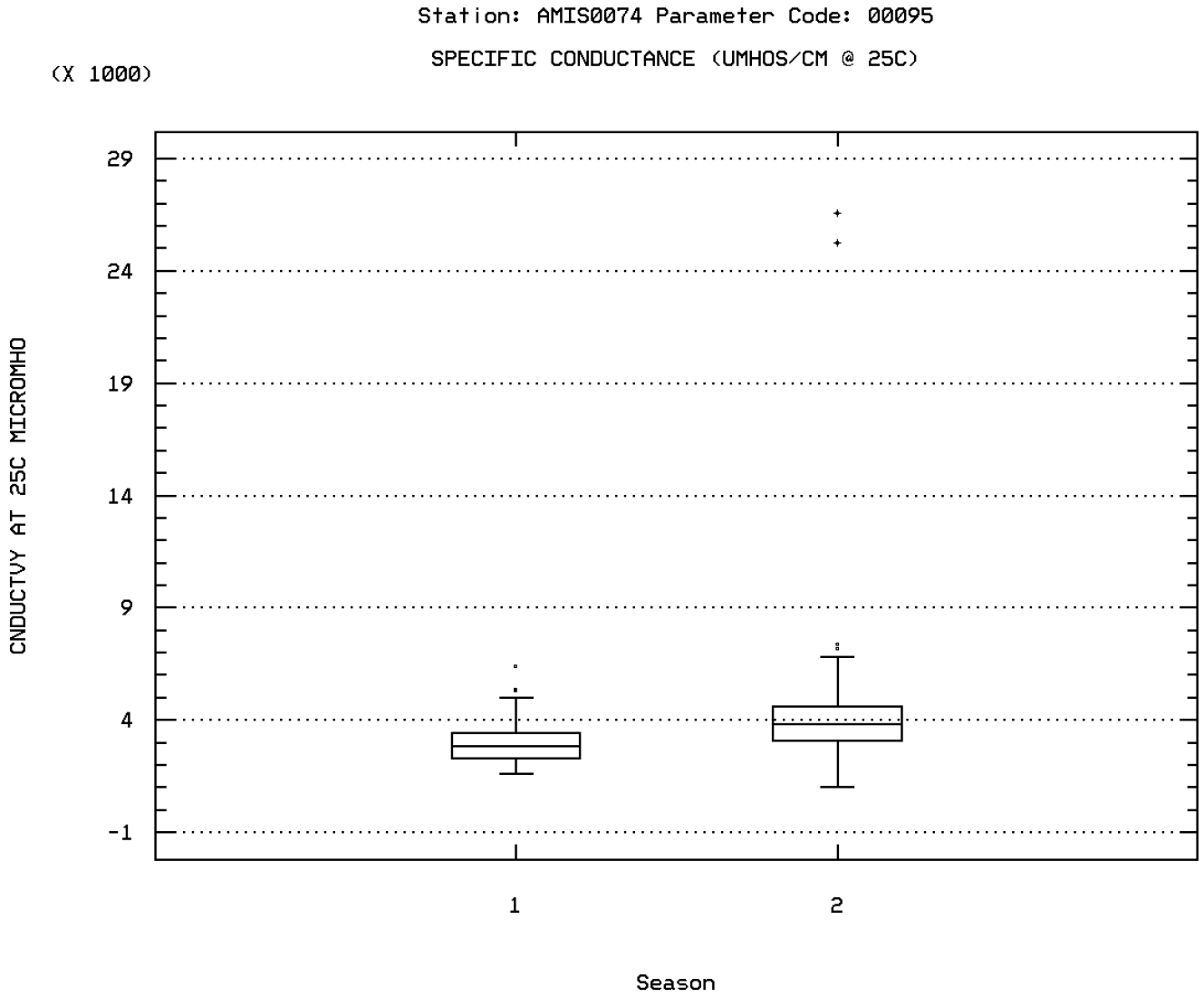
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/69-07/06/93	143	17.5	17.79	30.	6.	30.082	5.485	11.04	13.	21.5	26.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/09/69-08/21/85	70	63.75	64.187	86.	45.	102.237	10.111	51.01	55.3	72.25	78.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-07/06/93	93	201.	244.194	891.	92.	17232.006	131.271	134.	161.	292.	437.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/09/69-11/12/80	60	5.	11.917	88.	2.	217.476	14.747	2.5	5.	15.	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/07/81-08/24/92	41	1.3	3.507	41.	0.2	51.708	7.191	0.4	0.6	2.9	9.52
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/04/71-07/06/93	78	3210.	3349.564	6000.	320.	1504824.821	1226.713	1860.	2567.5	4107.5	4955.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/68-08/24/92	109	3820.	4320.688	26544.	1020.	10186904.587	3191.693	2672.	3085.	4656.	5670.
00300p	OXYGEN, DISSOLVED MG/L	04/09/69-07/06/93	141	9.1	9.191	15.5	4.5	2.049	1.431	7.5	8.3	10.	10.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/07/81-03/17/93	11	97.	97.673	125.	80.	189.178	13.754	80.4	86.	104.2	123.
00310p	BOD, 5 DAY, 20 DEG C MG/L	04/09/69-08/24/92	75	1.	1.507	8.1	0.2	2.115	1.454	0.36	0.8	1.7	2.5
00400	PH (STANDARD UNITS)	12/04/71-07/06/93	118	8.1	8.082	9.1	7.1	0.088	0.297	7.7	7.9	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	12/04/71-07/06/93	118	8.1	7.971	9.1	7.1	0.1	0.317	7.7	7.9	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-07/06/93	118	0.008	0.011	0.079	0.001	0.	0.01	0.004	0.006	0.013	0.02
00403p	PH, LAB, STANDARD UNITS SU	10/17/68-11/14/90	67	8.1	8.11	8.5	7.5	0.042	0.205	7.86	8.	8.3	8.4
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/17/68-11/14/90	67	8.1	8.057	8.5	7.5	0.045	0.212	7.86	8.	8.3	8.4
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/68-11/14/90	67	0.008	0.009	0.032	0.003	0.	0.005	0.004	0.005	0.01	0.014
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/22/77-07/06/93	81	150.	145.136	180.	98.	378.094	19.445	108.	136.	158.5	166.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-07/06/93	63	5.	8.341	35.	2.	64.176	8.011	2.	3.	10.	21.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/14/72-07/06/93	60	3.5	4.4	20.	0.5	18.261	4.273	0.5	1.25	5.	9.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/07/81-08/24/92	40	0.05	0.058	0.18	0.005	0.001	0.037	0.02	0.03	0.06	0.118
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-07/06/93	89	0.05	0.053	0.69	0.005	0.006	0.077	0.01	0.02	0.06	0.09
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/11/85-08/24/92	25 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.014
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/24/86-07/06/93	16 ##	0.005	0.009	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-07/06/93	58	0.885	1.085	3.5	0.13	0.45	0.671	0.407	0.675	1.363	2.082
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/07/81-07/06/93	41	0.5	0.521	3.1	0.1	0.222	0.472	0.12	0.21	0.6	0.888
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/07/81-08/24/92	40	0.7	0.699	1.8	0.05	0.122	0.349	0.3	0.4	0.9	1.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-08/21/85	36	0.03	0.16	1.71	0.015	0.139	0.372	0.015	0.03	0.068	0.499
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-08/21/85	37 ##	0.015	0.065	1.4	0.015	0.052	0.229	0.015	0.015	0.03	0.072
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-07/06/93	104	0.01	0.035	0.56	0.005	0.007	0.085	0.005	0.006	0.02	0.05
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/07/81-08/24/92	41 ##	0.005	0.008	0.03	0.005	0.	0.006	0.005	0.005	0.01	0.018
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-07/06/93	94 ##	0.005	0.015	0.46	0.	0.002	0.048	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-07/06/93	50	2.	2.722	14.	0.5	7.283	2.699	0.5	1.	3.25	5.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/24/92	53	180.	179.377	330.	93.	1882.739	43.391	130.	140.	210.	230.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/24/92	53	82.	85.528	150.	44.	464.562	21.554	60.	69.5	98.5	116.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/24/92	53	561.	587.472	960.	290.	27195.292	164.91	380.	440.	726.	850.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/24/92	53	8.7	9.038	14.	5.	3.797	1.948	6.84	7.85	11.	12.

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Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/17/68-07/06/93	124	840.	912.185	5490.	45.	391353.274	625.582	508.	650.	1096.	1285.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/17/68-07/06/93	120	486.	549.417	2800.	160.	114764.699	338.769	302.6	390.	643.75	808.3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/24/92	52	0.8	0.817	1.3	0.05	0.03	0.173	0.63	0.8	0.9	0.928
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/24/92	53	13.	12.37	16.	8.3	4.029	2.007	9.7	11.	14.	15.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/07/81-08/20/91	24	1.	0.917	3.	0.5	0.319	0.565	0.5	0.5	1.	1.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/07/81-08/24/92	26 ##	63.5	101.038	300.	50.	4920.038	70.143	50.	50.	125.	200.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/20/91	22 ##	5.	5.023	10.	0.5	2.154	1.468	5.	5.	5.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/07/81-08/20/91	24 ##	0.5	0.583	1.	0.5	0.036	0.19	0.5	0.5	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/07/81-08/20/91	24 ##	0.5	2.563	30.	0.5	37.942	6.16	0.5	0.5	2.	6.
01035	COBALT, DISSOLVED (UG/L AS CO)	10/07/81-08/24/92	26 ##	0.5	0.692	3.	0.5	0.322	0.567	0.5	0.5	0.5	1.3
01040	COPPER, DISSOLVED (UG/L AS CU)	10/07/81-08/20/91	24 ##	0.5	0.75	2.	0.5	0.13	0.361	0.5	0.5	1.	1.
01046	IRON, DISSOLVED (UG/L AS FE)	10/07/81-08/24/92	26	20.	22.346	40.	5.	99.515	9.976	5.	17.5	30.	31.8
01049	LEAD, DISSOLVED (UG/L AS PB)	10/07/81-08/20/91	24 ##	1.	1.438	4.	0.5	1.137	1.066	0.5	0.5	2.5	2.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/07/81-08/24/92	26	7.5	8.154	20.	2.	19.015	4.361	5.	5.	10.	13.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-08/24/92	24	6.	6.5	13.	2.	5.826	2.414	3.	5.	8.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/07/81-08/24/92	26 ##	0.5	0.942	3.	0.5	0.607	0.779	0.5	0.5	1.	2.3
01075	SILVER, DISSOLVED (UG/L AS AG)	10/07/81-08/24/92	26 ##	0.5	0.538	1.	0.5	0.018	0.136	0.5	0.5	0.5	0.65
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/27/82-08/24/92	24	3250.	3275.	4900.	1600.	801956.522	895.52	1950.	2600.	3925.	4750.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-08/24/92	24	19.5	18.833	40.	0.5	90.167	9.496	5.25	13.	24.75	32.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/07/81-08/20/91	24 ##	7.5	13.792	70.	5.	263.303	16.227	5.	5.	10.75	40.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-08/24/92	24 ##	5.	8.75	50.	5.	89.674	9.47	5.	5.	10.	15.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/27/82-08/24/92	24	80.	83.208	120.	40.	485.303	22.03	55.	70.	100.	120.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/07/81-08/24/92	26 ##	0.5	0.596	1.	0.5	0.04	0.201	0.5	0.5	0.5	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-03/17/93	43	5.	41.442	1344.	1.	41625.252	204.023	1.	2.	10.	46.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-03/17/93	43	0.699	0.75	3.128	0.	0.385	0.621	0.	0.301	1.	1.66
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.624								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/24/92	42	11.	103.738	3300.	0.5	259928.283	509.832	2.	5.75	21.	48.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/24/92	42	1.04	1.045	3.519	-0.301	0.465	0.682	0.301	0.758	1.322	1.681
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			11.091								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/24/92	42	16.5	107.071	3500.	1.	288865.824	537.462	5.3	11.	24.25	49.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/24/92	42	1.217	1.242	3.544	0.	0.308	0.555	0.723	1.041	1.385	1.694
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			17.445								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/11/72-07/06/93	59 ##	2.	3.703	66.	0.5	86.292	9.289	0.5	1.	2.	5.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-07/06/93	47 ##	1.	1.947	21.4	0.	10.051	3.17	0.5	1.	2.	2.12
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/24/92	68	2411.	2433.029	3860.	1195.	488822.059	699.158	1671.	1852.5	3072.5	3450.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/81-08/24/92	41	79.	74.341	100.	17.	382.98	19.57	42.8	65.5	89.	94.8
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/07/81-08/20/91	24 ##	0.05	0.14	0.7	0.05	0.034	0.185	0.05	0.05	0.1	0.55
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/07/81-08/24/92	41	12.	20.415	169.	2.	803.099	28.339	4.2	7.	21.5	33.8

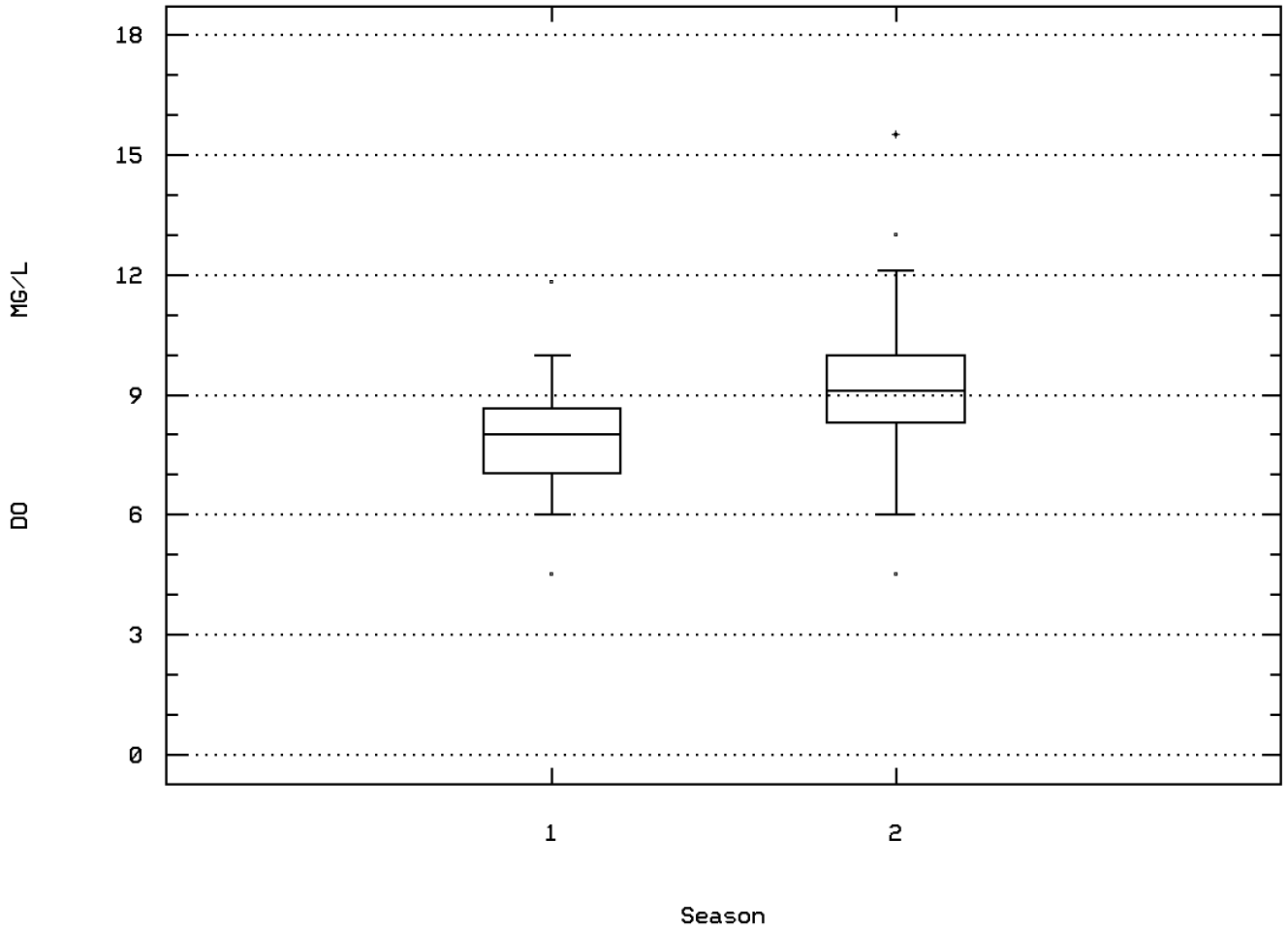
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PECOS RIVER NEAR LANGTRY

Station: AMIS0074 Parameter Code: 00300

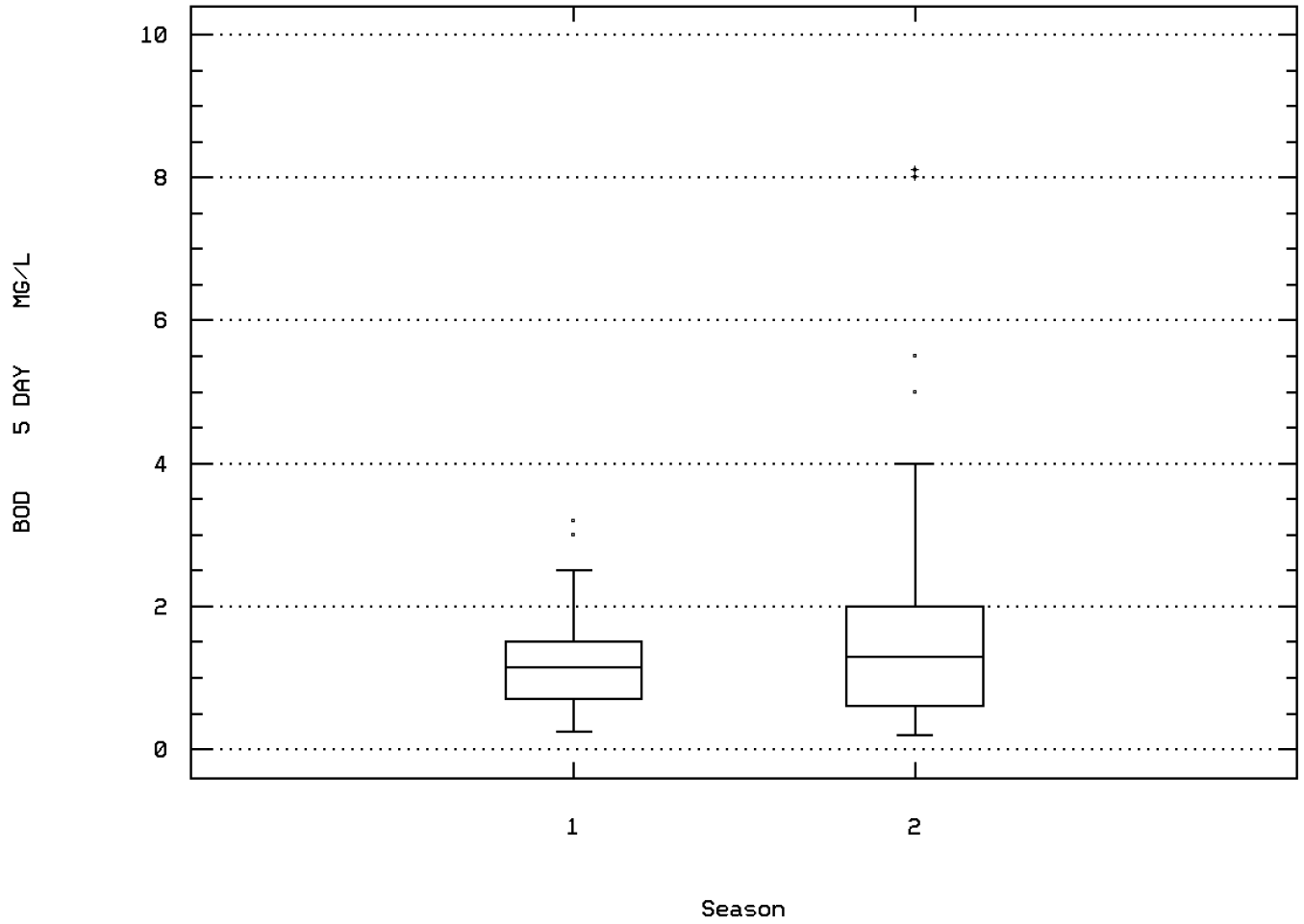
OXYGEN, DISSOLVED



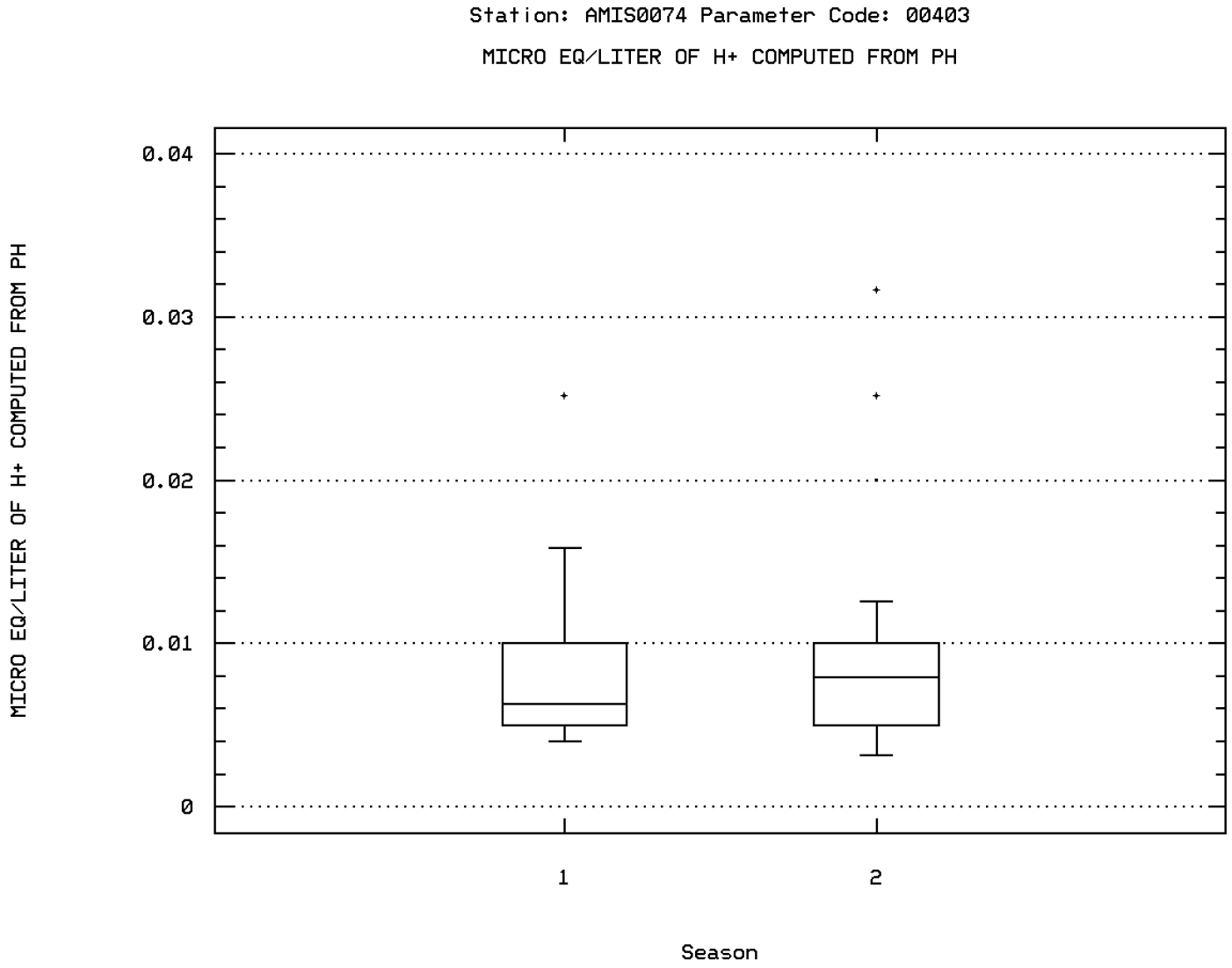
PECOS RIVER NEAR LANGTRY

Station: AMIS0074 Parameter Code: 00310

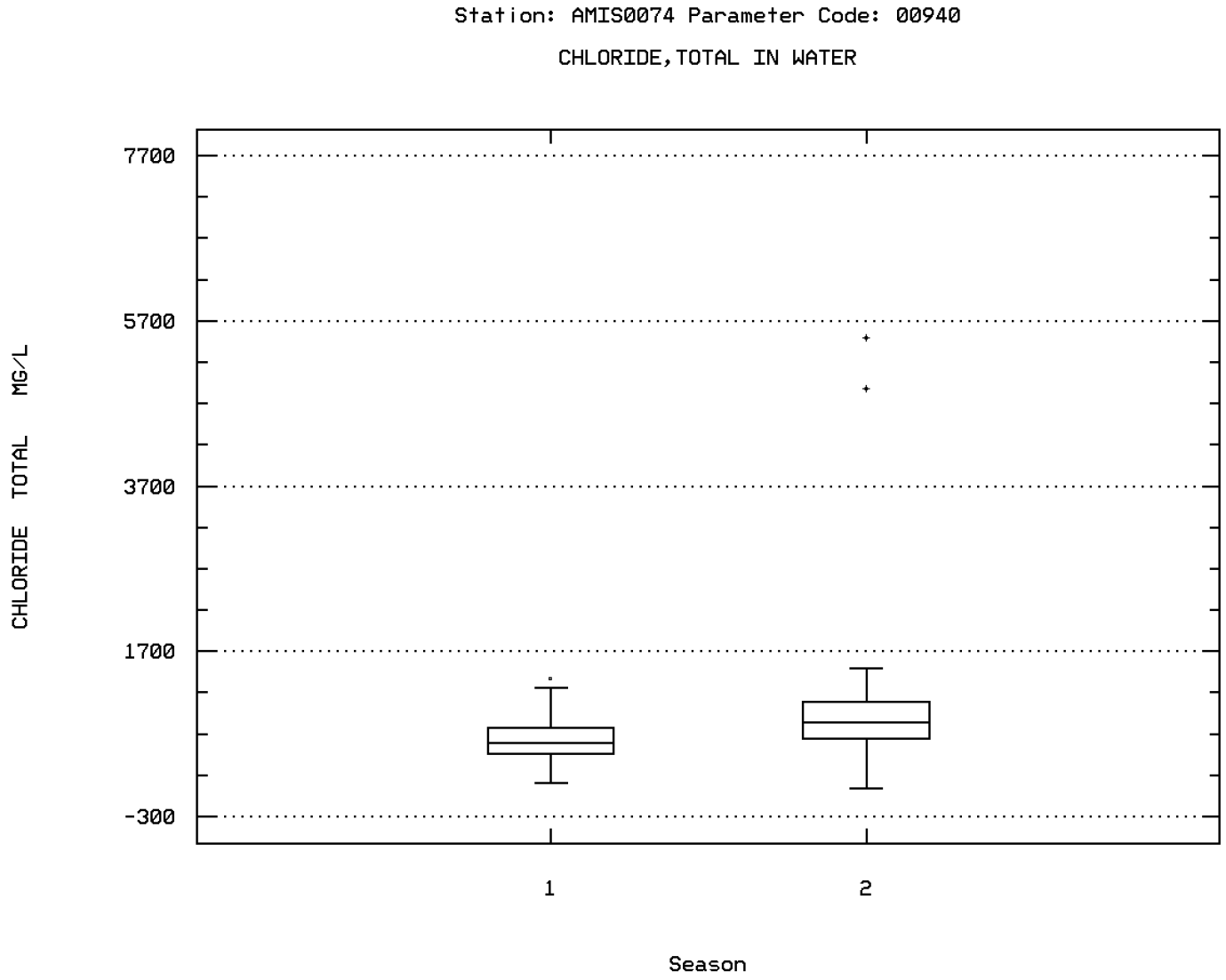
BOD, 5 DAY, 20 DEG C



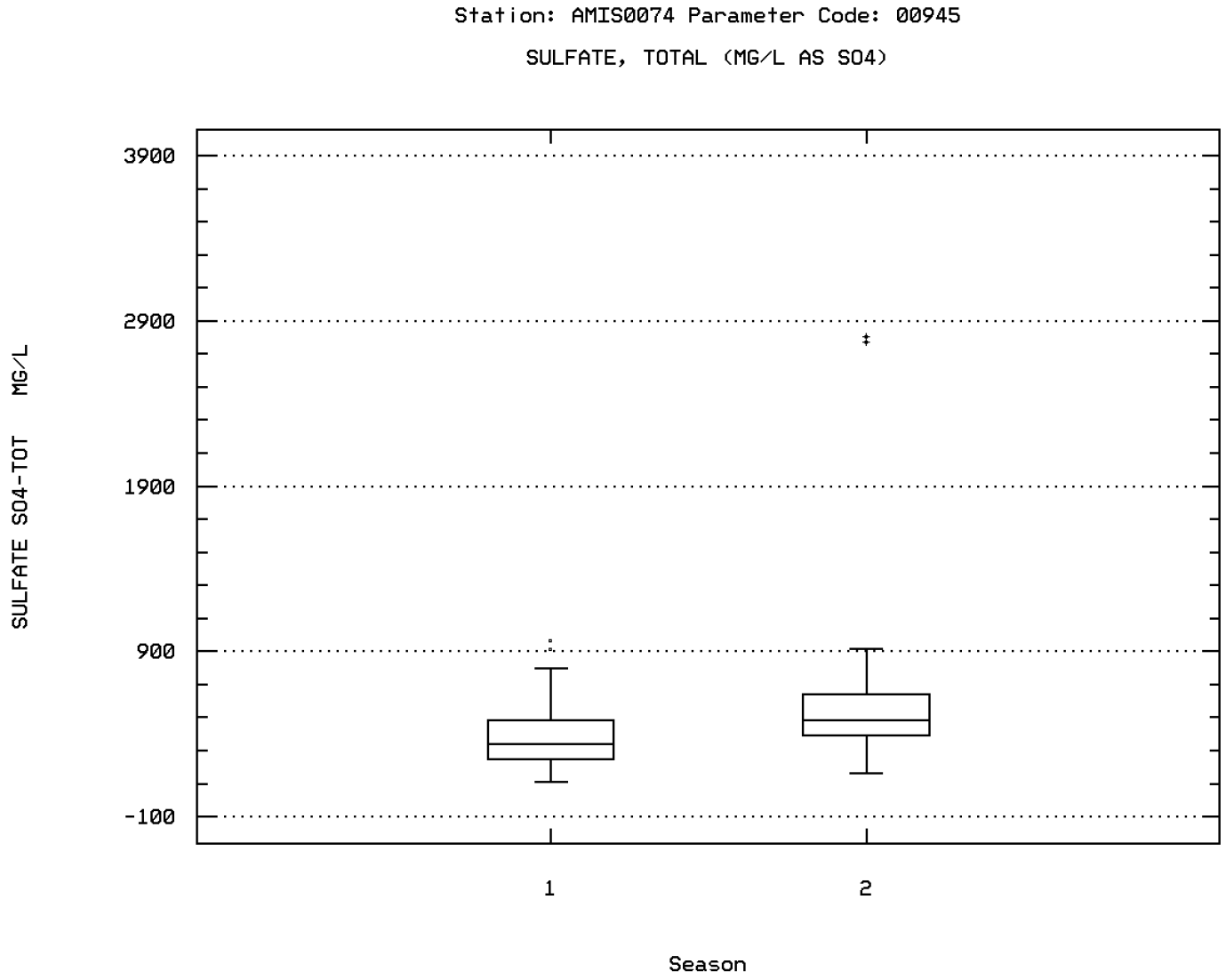
PECOS RIVER NEAR LANGTRY



PECOS RIVER NEAR LANGTRY



PECOS RIVER NEAR LANGTRY



PECOS RIVER NEAR LANGTRY

Station Inventory for Station: AMIS0075

NPS Station ID: AMIS0075
LAT/LON: 29.802781/-101.445837
Agency: 112WRD
Date Created: / /
Location: PECOS RIVER NEAR LANGTRY, TX
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 08447410
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13070008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13070008001
RF1 Mile Point: 15.990
Distance from RF1: 0.50
On/Off RF1: ON
RF3 Index: 13040212001600.00
RF3 Mile Point: 1.26
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/30/74-03/01/93	121	21.	19.973	30.	2.7	44.156	6.645	11.1	13.75	26.	28.
00025	BAROMETRIC PRESSURE (MM OF HG)	10/27/82-03/01/93	62	732.	733.355	750.	724.	36.429	6.036	726.3	729.	737.25	740.7
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/74-09/21/77	21	290.	434.857	3000.	161.	354286.329	595.22	178.	244.5	405.	476.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-03/01/93	101	182.	266.802	5520.	87.	292799.86	541.11	112.6	150.5	242.	377.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/30/74-09/14/78	29	5.	26.241	300.	1.	5009.047	70.775	2.	3.	12.5	25.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/78-03/01/93	90	1.4	2.927	41.	0.2	33.337	5.774	0.5	0.8	2.425	4.99
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/08/80-10/08/80	1	2680.	2680.	2680.	2680.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-03/01/93	121	3360.	3515.264	6000.	960.	1223898.296	1106.299	2152.	2690.	4400.	5196.
00300	OXYGEN, DISSOLVED MG/L	10/30/74-03/01/93	121	8.9	9.101	13.	6.7	1.506	1.227	7.5	8.3	10.	10.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/30/74-02/02/83	62	96.	97.724	140.	8.9	288.69	16.991	83.2	93.	101.	119.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/30/74-03/01/93	121	0.8	1.087	8.	0.	0.915	0.957	0.3	0.5	1.4	2.08
00400p	PH (STANDARD UNITS)	03/01/71-03/01/93	122	8.	7.95	8.4	7.1	0.068	0.26	7.6	7.8	8.2	8.2
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-03/01/93	122	8.	7.861	8.4	7.1	0.076	0.275	7.6	7.8	8.2	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-03/01/93	122	0.01	0.014	0.079	0.004	0.	0.011	0.006	0.006	0.016	0.025
00403	PH, LAB, STANDARD UNITS SU	10/08/80-03/01/93	74	8.	8.018	8.3	7.1	0.038	0.194	7.85	7.9	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/08/80-03/01/93	74	8.	7.956	8.3	7.1	0.041	0.204	7.85	7.9	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/80-03/01/93	74	0.01	0.011	0.079	0.005	0.	0.01	0.006	0.008	0.013	0.014
00405	CARBON DIOXIDE (MG/L AS CO2)	03/01/71-07/23/80	43	3.4	4.519	18.	1.3	10.453	3.233	2.02	2.8	4.6	8.5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-07/02/91	107	140.	134.336	199.	0.	1361.32	36.896	104.6	120.	157.	170.
00440	BICARBONATE ION (MG/L AS HCO3)	03/01/71-11/07/90	67	176.	174.463	242.	122.	708.404	26.616	140.	152.	192.	210.
00445	CARBONATE ION (MG/L AS CO3)	03/01/71-11/07/90	67	0.	0.06	4.	0.	0.239	0.489	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11/19/86-11/18/87	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11/19/86-11/18/87	7	191.	185.571	214.	153.	522.952	22.868	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/18/87-03/01/93	31	0.	0.129	4.	0.	0.516	0.718	0.	0.	0.	0.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/18/87-03/01/93	31	176.	167.	202.	119.	712.267	26.688	122.8	149.	189.	196.
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	01/15/75-04/09/80	5	2.68	2.914	4.17	1.5	1.057	1.028	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	01/18/78-04/09/80	4	3.7	3.76	4.96	2.68	1.376	1.173	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/30/74-07/08/81	53	1.9	1.889	3.5	0.6	0.446	0.668	1.04	1.3	2.3	2.86
00602	NITROGEN, DISSOLVED (MG/L AS N)	11/14/79-07/08/81	15	1.8	1.715	3.	0.63	0.49	0.7	0.708	1.2	2.	2.94
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/30/74-07/08/81	52	0.43	0.535	2.4	0.07	0.203	0.45	0.176	0.273	0.627	0.84
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/14/79-07/08/81	15	0.47	0.552	1.4	0.11	0.107	0.327	0.224	0.38	0.54	1.16
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/14/79-03/01/93	81	0.05	0.055	0.18	0.	0.001	0.033	0.02	0.03	0.07	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/30/74-12/03/92	93	0.04	0.047	0.18	0.	0.001	0.033	0.01	0.02	0.065	0.09
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/11/85-03/01/93	42 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/30/74-12/03/92	51	0.01	0.013	0.04	0.	0.	0.008	0.005	0.005	0.02	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/01/71-10/08/80	39	1.5	1.388	3.	0.49	0.378	0.615	0.58	0.85	1.8	2.3
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/01/73-08/20/91	33	0.43	0.478	1.4	0.1	0.08	0.282	0.154	0.32	0.545	0.944
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	04/18/78-07/08/81	20	0.145	0.308	2.	0.	0.28	0.53	0.	0.023	0.285	1.483

** - Less than 9 observations ## - 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: AMIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/74-03/01/93	118	0.465	0.538	3.1	0.02	0.196	0.443	0.118	0.3	0.633	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/30/74-12/03/92	65	1.1	1.17	3.	0.06	0.421	0.649	0.292	0.68	1.6	2.08
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/74-03/01/93	81	0.6	0.67	1.9	0.05	0.205	0.453	0.1	0.3	0.9	1.3
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/18/78-06/20/79	3	0.03	0.03	0.06	0.	0.001	0.03	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/07/81-02/02/83	6	0.045	0.06	0.12	0.03	0.001	0.038	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/30/74-03/01/93	120	0.01	0.018	0.36	0.	0.001	0.038	0.005	0.005	0.02	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/77-03/01/93	99 ##	0.005	0.012	0.18	0.	0.	0.019	0.005	0.005	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/07/81-03/01/93	66 ##	0.005	0.01	0.04	0.005	0.	0.009	0.005	0.005	0.01	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/30/74-07/08/81	30	2.6	4.01	25.	0.8	22.284	4.721	1.22	1.925	3.725	9.6
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/15/78-01/14/81	10	4.3	4.86	8.1	1.3	7.603	2.757	1.31	2.375	7.925	8.09
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	02/15/78-01/14/81	10	0.45	1.43	10.	0.	9.202	3.034	0.02	0.2	0.925	9.13
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-02/02/83	58	615.	625.517	1100.	210.	33877.798	184.059	428.	470.	750.	921.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-02/02/83	59	470.	474.068	870.	18.	36407.444	190.807	270.	320.	600.	750.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-03/01/93	117	150.	156.265	330.	58.	2228.696	47.209	99.	120.	190.	220.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-03/01/93	117	70.	73.769	150.	16.	545.317	23.352	45.8	56.	91.	110.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-03/01/93	117	460.	493.248	960.	110.	32132.464	179.255	280.	360.	650.	752.
00931	SODIUM ADSORPTION RATIO	03/01/71-02/02/83	58	7.05	7.355	11.	3.3	3.059	1.749	5.4	5.95	8.4	10.
00932	SODIUM, PERCENT	03/01/71-02/02/83	58	59.	59.638	74.	53.	16.867	4.107	55.9	57.	61.	63.1
00933	SODIUM,PLUS POTASSIUM (MG/L)	04/18/79-04/09/80	10	405.	420.	660.	270.	18800.	137.113	271.	295.	522.5	650.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-03/01/93	117	8.1	8.337	15.	1.9	5.094	2.257	5.78	6.8	9.95	12.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-03/01/93	117	760.	814.444	1500.	170.	83374.904	288.747	460.	605.	1100.	1200.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-03/01/93	117	450.	480.342	960.	100.	36030.917	189.818	260.	340.	605.	774.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/74-03/01/93	115	0.8	0.801	1.3	0.05	0.021	0.144	0.7	0.8	0.9	0.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-03/01/93	116	13.	13.163	21.	7.5	7.446	2.729	9.61	11.	15.	17.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/30/74-08/20/91	57	1.	1.07	4.	0.5	0.37	0.608	0.5	1.	1.	2.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	10/18/77-08/04/82	12	0.	0.292	1.	0.	0.203	0.45	0.	0.	0.875	1.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/30/74-08/04/82	22	1.	1.773	12.	1.	5.422	2.329	1.	1.	2.	2.
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/19/76-01/25/93	58	88.5	105.466	300.	50.	5410.464	73.556	50.	50.	125.	200.
01006	BARIUM, SUSPENDED (UG/L AS BA)	10/18/77-02/03/82	13	0.	69.231	600.	0.	28974.359	170.219	0.	0.	50.	440.
01007	BARIUM, TOTAL (UG/L AS BA)	10/18/77-08/04/82	15	100.	163.333	700.	50.	26595.238	163.08	50.	50.	200.	400.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/20/91	35 ##	5.	4.879	10.	0.25	1.979	1.407	5.	5.	5.	5.
01020	BORON, DISSOLVED (UG/L AS B)	03/01/71-12/01/76	4	225.	240.	340.	170.	5133.333	71.647	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/30/74-08/20/91	57 ##	0.5	0.632	5.	0.	0.54	0.735	0.	0.5	1.	1.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	10/18/77-10/07/81	11	0.	0.727	5.	0.	2.218	1.489	0.	0.	1.	4.2
01027	CADMIUM, TOTAL (UG/L AS CD)	10/30/74-08/04/82	22 ##	0.25	2.568	20.	0.	26.793	5.176	0.	0.	1.25	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/30/74-08/20/91	57 ##	0.5	2.018	30.	0.	20.919	4.574	0.	0.25	2.	6.
01031	CHROMIUM, SUSPEND (UG/L AS CR)	10/18/77-06/09/82	14	0.	2.857	10.	0.	18.132	4.258	0.	0.	6.25	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/30/74-08/04/82	22 ##	10.	9.545	40.	0.	97.403	9.869	0.	0.	10.	27.
01035	COBALT, DISSOLVED (UG/L AS CO)	10/30/74-01/25/93	63 ##	0.5	0.627	5.	0.	0.621	0.788	0.	0.5	0.5	1.3
01036	COBALT, SUSPENDED (UG/L AS CO)	10/18/77-10/07/81	12	0.	4.667	50.	0.	204.788	14.31	0.	0.	1.75	35.9
01037	COBALT, TOTAL (UG/L AS CO)	10/30/74-08/04/82	22 ##	0.	7.477	50.	0.	300.392	17.332	0.	0.	2.25	50.
01040	COPPER, DISSOLVED (UG/L AS CU)	10/30/74-08/20/91	57 ##	0.5	0.86	5.	0.	1.096	1.047	0.	0.5	1.	1.2
01041	COPPER, SUSPENDED (UG/L AS CU)	10/18/77-06/09/82	14	4.	4.357	13.	0.	12.555	3.543	0.5	1.75	6.	11.
01042	COPPER, TOTAL (UG/L AS CU)	10/30/74-08/04/82	22	5.5	5.591	13.	0.	14.634	3.825	0.3	2.	9.25	10.
01044	IRON, SUSPENDED (UG/L AS FE)	06/07/78-08/04/82	12	65.	625.833	4300.	10.	1872226.515	1368.293	19.	42.5	105.	3790.
01045	IRON, TOTAL (UG/L AS FE)	10/30/74-08/04/82	22	105.	747.727	7600.	40.	3378646.97	1838.11	50.	77.5	157.5	3790.
01046	IRON, DISSOLVED (UG/L AS FE)	10/30/74-01/25/93	63	20.	80.556	3900.	5.	239248.509	489.13	5.	5.	30.	33.6
01049	LEAD, DISSOLVED (UG/L AS PB)	10/30/74-08/20/91	57 ##	0.5	1.36	10.	0.	2.766	1.663	0.	0.5	2.5	2.6
01050	LEAD, SUSPENDED (UG/L AS PB)	10/18/77-02/03/82	13	1.	6.077	50.	0.	182.744	13.518	0.	0.	5.	34.
01051	LEAD, TOTAL (UG/L AS PB)	10/30/74-08/04/82	22	4.	20.909	100.	0.	1463.325	38.253	0.	1.	9.25	100.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	10/18/77-10/07/81	12	0.	18.5	190.	0.	2954.273	54.353	0.	0.	8.	139.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/30/74-08/04/82	22	10.	44.455	460.	0.	10244.641	101.216	5.	5.	22.5	154.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/30/74-01/25/93	63 ##	5.	16.508	590.	2.	5404.351	73.514	5.	5.	10.	10.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-01/25/93	41	6.	6.122	13.	2.	4.76	2.182	4.	5.	7.	9.8
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/30/74-01/25/93	54 ##	0.5	1.074	7.	0.	2.004	1.416	0.	0.5	1.	2.5
01066	NICKEL, SUSPENDED (UG/L AS NI)	02/06/80-02/03/82	6	0.5	1.5	6.	0.	5.5	2.345	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/06/80-08/04/82	8	2.5	2.5	6.	0.	4.857	2.204	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/19/76-01/25/93	58 ##	0.5	0.44	2.5	0.	0.141	0.376	0.	0.375	0.5	0.5
01076	SILVER, SUSPENDED (UG/L AS AG)	10/18/77-10/07/81	12	0.	0.583	5.	0.	2.083	1.443	0.	0.	0.75	3.8
01077	SILVER, TOTAL (UG/L AS AG)	10/18/77-08/04/82	17 ##	0.	0.971	10.	0.	5.983	2.446	0.	0.	0.75	4.4
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/30/74-01/25/93	46	2700.	2859.348	4900.	320.	1097788.454	1047.754	1670.	2000.	3600.	4260.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-01/25/93	41	19.	18.732	40.	0.5	72.864	8.536	6.4	13.	24.	30.8
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/30/74-08/20/91	57	10.	17.596	140.	0.	529.066	23.001	4.8	5.	30.	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 time series plot

Parameter Inventory for Station: AMIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01091	ZINC, SUSPENDED (UG/L ZN)	10/18/77-08/04/82	15	10.	12.933	70.	0.	357.638	18.911	0.	0.	10.	52.
01092	ZINC, TOTAL (UG/L AS ZN)	10/30/74-08/04/82	22	25.	37.818	120.	0.	1135.203	33.693	4.4	10.	62.5	101.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/30/74-01/25/93	46 ##	5.	11.63	50.	5.	182.283	13.501	5.	5.	10.	43.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/30/74-01/25/93	46	73.5	75.609	120.	11.	510.732	22.599	50.	60.	90.	103.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/30/74-01/25/93	62 ##	0.5	0.694	2.	0.	0.15	0.388	0.5	0.5	1.	1.
01146	SELENIUM, SUSPENDED (UG/L AS SE)	10/18/77-06/09/82	14	0.	0.071	1.	0.	0.071	0.267	0.	0.	0.	0.5
01147	SELENIUM, TOTAL (UG/L AS SE)	10/30/74-08/04/82	21	1.	0.905	2.	0.	0.165	0.407	0.1	1.	1.	1.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/30/74-06/07/78	28	44.5	324.643	6800.	4.	1622766.238	1273.878	11.3	23.5	120.	374.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/30/74-06/07/78	28	1.648	1.738	3.833	0.602	0.406	0.637	1.041	1.371	2.079	2.571
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			54.706								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/30/74-09/29/76	11	8.	243.636	2600.	2.	610791.455	781.531	2.2	4.	14.	2083.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/30/74-09/29/76	11	0.903	1.055	3.415	0.301	0.693	0.833	0.336	0.602	1.146	2.978
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.341								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/19/76-03/01/93	110	13.	54.15	3300.	0.5	99894.525	316.061	2.1	6.	25.25	48.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/19/76-03/01/93	110	1.114	1.101	3.519	-0.301	0.315	0.561	0.319	0.778	1.402	1.681
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			12.607								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/19/76-03/01/93	110	22.	70.809	3500.	1.	112820.303	335.887	6.1	14.	33.25	94.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/19/76-03/01/93	110	1.342	1.356	3.544	0.	0.252	0.502	0.785	1.146	1.522	1.972
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			22.7								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/30/74-09/29/76	11	52.	675.	6700.	14.	3997555.2	1999.389	14.2	21.	120.	5408.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/30/74-09/29/76	11	1.716	1.875	3.826	1.146	0.58	0.761	1.152	1.322	2.079	3.537
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			75.07								
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	01/15/75-01/15/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	01/15/75-01/15/75	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	08/18/76-05/03/78	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	03/21/90-02/06/91	6	0.	0.	0.	0.	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/08/89-03/01/93	20	141.5	135.6	166.	98.	527.621	22.97	100.	111.25	154.25	160.9
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	02/03/82-06/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	10/07/81-06/09/82	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/09/82	4 ##	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	10/29/75-06/09/82	4 ##	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/29/75-06/09/82	13 ##	0.	0.004	0.05	0.	0.	0.014	0.	0.	0.	0.03
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/29/75-06/09/82	4 ##	0.	0.125	0.5	0.	0.063	0.25	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/09/82	4 ##	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/09/82	4 ##	0.05	0.05	0.1	0.	0.003	0.058	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/09/82	4 ##	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/29/75-06/09/82	4 ##	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/07/81-06/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/09/82	4 ##	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/29/75-06/20/79	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.038	0.5	0.	0.019	0.139	0.	0.	0.	0.3
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/29/75-06/09/82	4 ##	0.	1.25	5.	0.	6.25	2.5	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/09/82	4 ##	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/29/75-06/09/82	4 ##	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/29/75-06/09/82	4 ##	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/12/80-08/12/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/15/78-06/09/82	8 ##	0.	0.006	0.05	0.	0.	0.018	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/79-06/09/82	3 ##	0.	0.167	0.5	0.	0.083	0.289	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/20/79	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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Parameter Inventory for Station: AMIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/20/79	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/29/75-06/20/79	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	10/29/75-06/20/79	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	10/29/75-05/03/78	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	8 ##	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/29/75-10/29/75	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	8 ##	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/29/75-10/29/75	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	02/03/82-06/09/82	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	10/07/81-06/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	8 ##	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/29/75-10/29/75	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/29/75-06/20/79	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	13 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	10/29/75-06/20/79	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	10/30/74-07/08/81	31	660.	5963.323	67000.	90.	251073234.892	15845.291	132.	310.	2800.	13200.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/30/74-03/01/93	116	2035.	2218.112	3860.	541.	569450.674	754.62	1297.	1695.	2860.	3380.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-02/02/83	57	1710.	1868.965	3350.	581.	430067.142	655.795	1170.	1350.	2305.	2970.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/74-02/02/83	58	1150.	1605.586	10900.	466.	3005075.264	1733.515	598.8	829.25	1660.	2886.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/02/83	58	2.455	2.637	4.69	0.74	0.832	0.912	1.668	1.855	3.213	4.111
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/30/74-08/24/92	117	82.	76.658	100.	8.	427.02	20.664	48.	66.	93.	97.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/07/90-12/03/92	12 ##	0.005	0.006	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.016
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	12/12/79-04/09/80	2	57.2	57.2	63.8	50.6	87.12	9.334	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	01/18/78-04/09/80	4	1.6	1.525	2.4	0.5	0.609	0.78	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	01/18/78-04/09/80	4	0.	0.018	0.07	0.	0.001	0.035	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/18/78-01/14/81	16	0.05	0.054	0.2	0.	0.002	0.047	0.007	0.02	0.068	0.13
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/14/79-02/02/83	23	0.08	0.073	0.18	0.	0.002	0.045	0.01	0.04	0.1	0.132
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/78-06/05/85	30	0.03	0.056	0.18	0.	0.002	0.05	0.	0.03	0.068	0.15
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/30/74-07/08/81	53	8.2	8.392	16.	2.7	8.983	2.997	4.72	5.9	10.	12.6
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/30/74-08/20/91	57 ##	0.05	0.165	0.9	0.05	0.036	0.189	0.05	0.05	0.225	0.52
71895	MERCURY, SUSPENDED (UG/L AS HG)	10/18/77-10/07/81	12	0.	0.05	0.2	0.	0.006	0.08	0.	0.	0.1	0.2
71900	MERCURY, TOTAL (UG/L AS HG)	10/30/74-08/04/82	21	0.2	0.176	0.5	0.05	0.012	0.108	0.05	0.1	0.25	0.25
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/30/74-08/24/92	117	14.	29.06	677.	2.	6401.212	80.008	5.	9.	21.5	39.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/30/74-08/04/82	60	8.45	237.322	8090.	2.3	1561258.122	1249.503	2.82	4.925	13.	32.8
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	10/07/81-06/09/82	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/11/81-07/08/81	4	6.2	6.275	8.2	4.5	3.416	1.848	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	02/03/82-06/09/82	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: AMIS0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	29	2	0.07	12	1	0.08	17	1	0.06						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	90	0	0.00	30	0	0.00	60	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	121	0	0.00	43	0	0.00	78	0	0.00						
00400	PH	Other-Hi Lim.	9.	122	0	0.00	44	0	0.00	78	0	0.00						
		Other-Lo Lim.	6.5	122	0	0.00	44	0	0.00	78	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	74	0	0.00	24	0	0.00	50	0	0.00						
		Other-Lo Lim.	6.5	74	0	0.00	24	0	0.00	50	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	42	0	0.00	14	0	0.00	28	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	51	0	0.00	21	0	0.00	30	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	39	0	0.00	17	0	0.00	22	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	65	0	0.00	24	0	0.00	41	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	81	0	0.00	27	0	0.00	54	0	0.00						

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EPA Water Quality Criteria Analysis for Station: AMIS0075

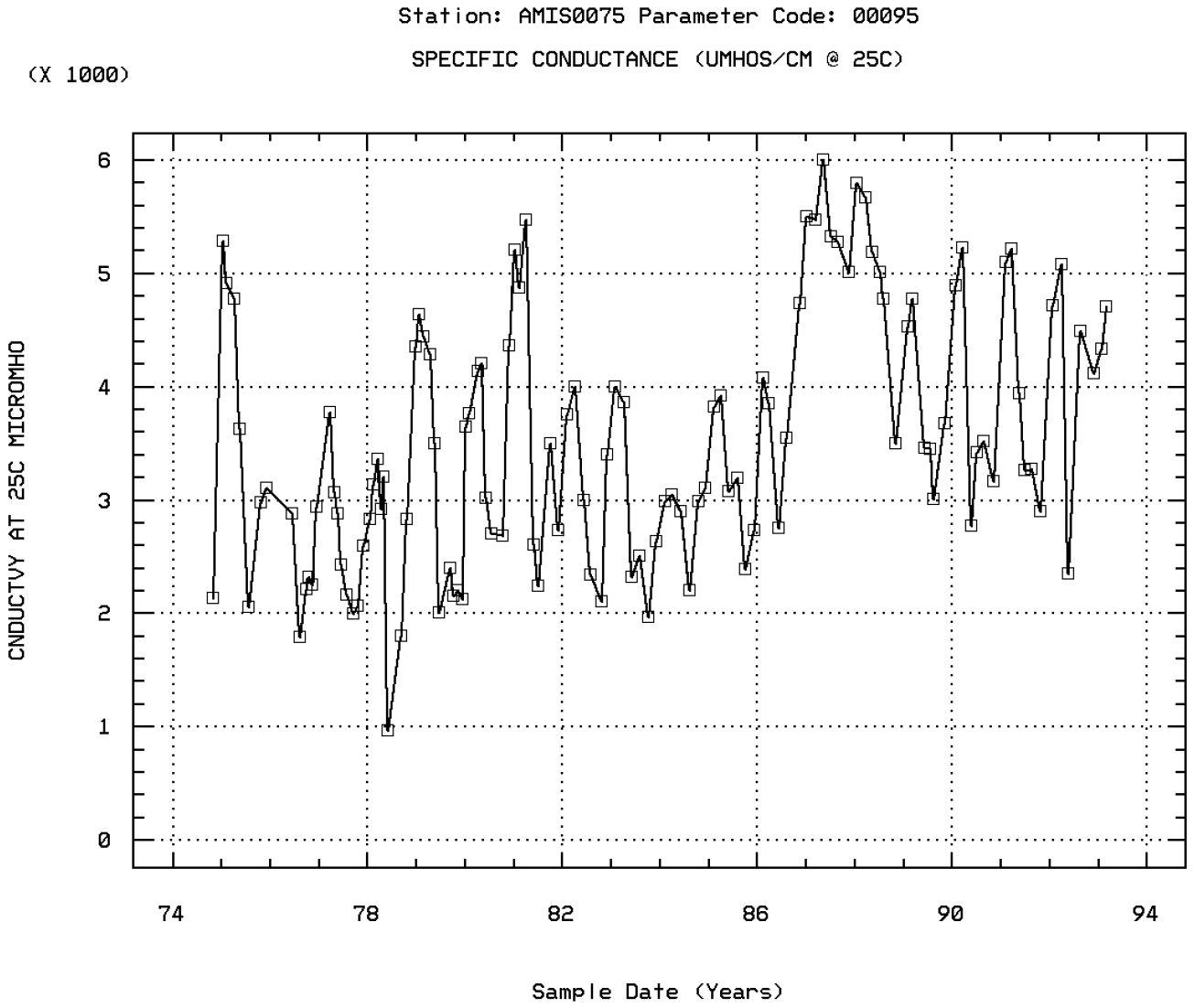
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	117	46	0.39	42	6	0.14	75	40	0.53						
		Drinking Water	250.	117	116	0.99	42	42	1.00	75	74	0.99						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	117	111	0.95	42	37	0.88	75	74	0.99						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	115	0	0.00	40	0	0.00	75	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	57	0	0.00	27	0	0.00	30	0	0.00						
		Drinking Water	50.	57	0	0.00	27	0	0.00	30	0	0.00						
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	12	0	0.00	6	0	0.00	6	0	0.00						
		Drinking Water	50.	12	0	0.00	6	0	0.00	6	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	22	0	0.00	14	0	0.00	8	0	0.00						
		Drinking Water	50.	22	0	0.00	14	0	0.00	8	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	58	0	0.00	25	0	0.00	33	0	0.00						
01006	BARIUM, SUSPENDED	Drinking Water	2000.	13	0	0.00	7	0	0.00	6	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	15	0	0.00	8	0	0.00	7	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	35	0	0.00	13	0	0.00	22	0	0.00						
		Drinking Water	4.	3 &	1	0.33	1	0	0.00	2	1	0.50						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	57	1	0.02	27	1	0.04	30	0	0.00						
		Drinking Water	5.	57	1	0.02	27	1	0.04	30	0	0.00						
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	10 &	0	0.00	6	0	0.00	4	0	0.00						
		Drinking Water	5.	10 &	0	0.00	6	0	0.00	4	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	19 &	1	0.05	11	0	0.00	8	1	0.13						
		Drinking Water	5.	19 &	1	0.05	11	0	0.00	8	1	0.13						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	57	0	0.00	27	0	0.00	30	0	0.00						
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	14	0	0.00	7	0	0.00	7	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	22	0	0.00	14	0	0.00	8	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	57	0	0.00	27	0	0.00	30	0	0.00						
		Drinking Water	1300.	57	0	0.00	27	0	0.00	30	0	0.00						
01041	COPPER, SUSPENDED	Fresh Acute	18.	14	0	0.00	7	0	0.00	7	0	0.00						
		Drinking Water	1300.	14	0	0.00	7	0	0.00	7	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	22	0	0.00	14	0	0.00	8	0	0.00						
		Drinking Water	1300.	22	0	0.00	14	0	0.00	8	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	57	0	0.00	27	0	0.00	30	0	0.00						
		Drinking Water	15.	57	0	0.00	27	0	0.00	30	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	13	0	0.00	7	0	0.00	6	0	0.00						
		Drinking Water	15.	12 &	0	0.00	6	0	0.00	6	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	18 &	0	0.00	11	0	0.00	7	0	0.00						
		Drinking Water	15.	18 &	0	0.00	11	0	0.00	7	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	54	0	0.00	23	0	0.00	31	0	0.00						
		Drinking Water	100.	54	0	0.00	23	0	0.00	31	0	0.00						
01066	NICKEL, SUSPENDED	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.	8	0	0.00	4	0	0.00	4	0	0.00						
		Drinking Water	100.	8	0	0.00	4	0	0.00	4	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	58	0	0.00	25	0	0.00	33	0	0.00						
		Drinking Water	100.	58	0	0.00	25	0	0.00	33	0	0.00						
01076	SILVER, SUSPENDED	Fresh Acute	4.1	11 &	0	0.00	6	0	0.00	5	0	0.00						
		Drinking Water	100.	12	0	0.00	7	0	0.00	5	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	16 &	0	0.00	8	0	0.00	8	0	0.00						
		Drinking Water	100.	17	0	0.00	9	0	0.00	8	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	57	1	0.02	27	1	0.04	30	0	0.00						
		Drinking Water	5000.	57	0	0.00	27	0	0.00	30	0	0.00						
01091	ZINC, SUSPENDED	Fresh Acute	120.	15	0	0.00	8	0	0.00	7	0	0.00						
		Drinking Water	5000.	15	0	0.00	8	0	0.00	7	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	22	1	0.05	14	1	0.07	8	0	0.00						
		Drinking Water	5000.	22	0	0.00	14	0	0.00	8	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	62	0	0.00	28	0	0.00	34	0	0.00						
		Drinking Water	50.	62	0	0.00	28	0	0.00	34	0	0.00						
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	14	0	0.00	7	0	0.00	7	0	0.00						
		Drinking Water	50.	14	0	0.00	7	0	0.00	7	0	0.00						

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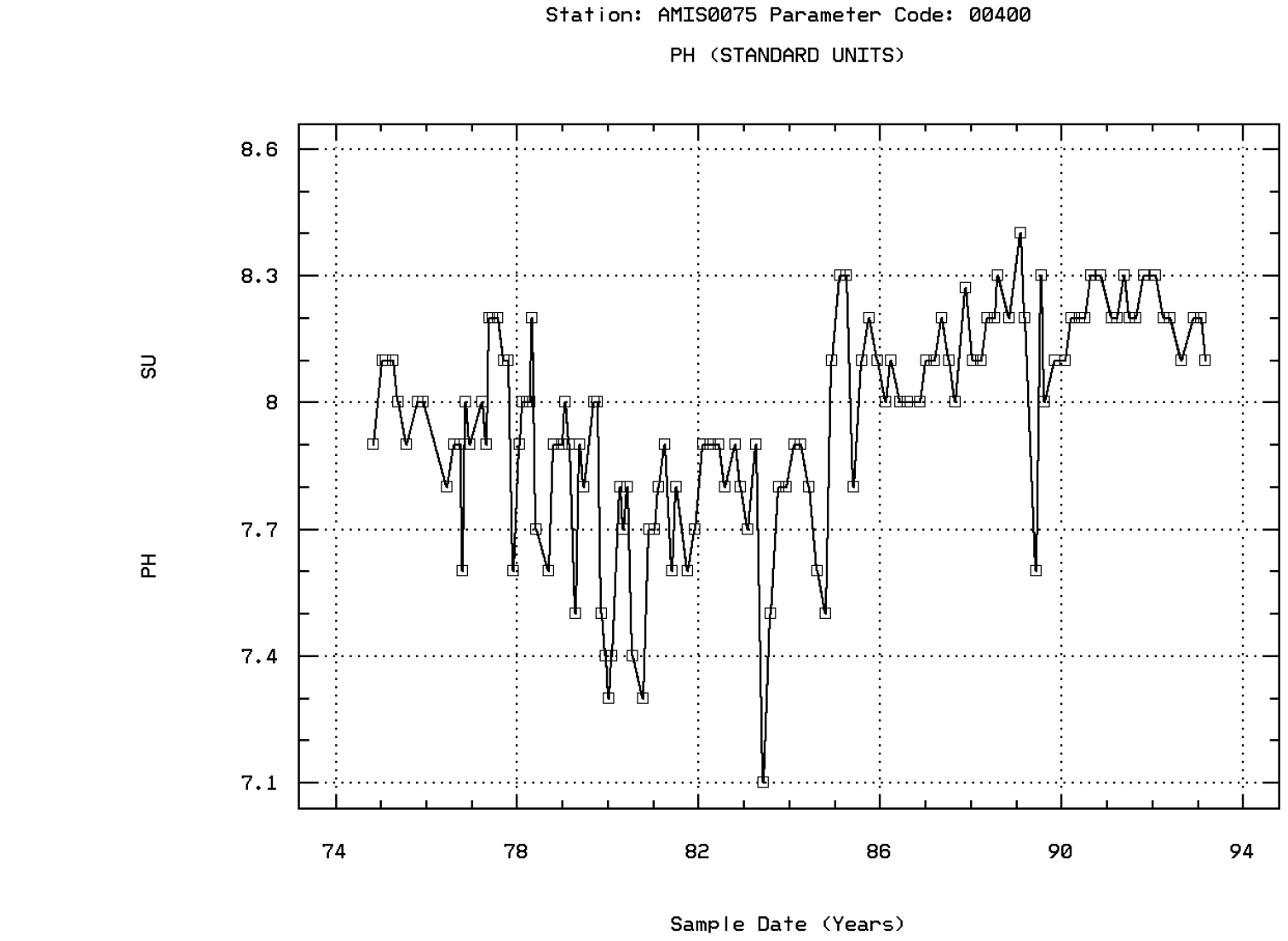
EPA Water Quality Criteria Analysis for Station: AMIS0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	21	0	0.00	13	0	0.00	8	0	0.00						
		Drinking Water	50.	21	0	0.00	13	0	0.00	8	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	28	1	0.04	11	1	0.09	17	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	1	0.09	6	1	0.17	5	0	0.00						
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	110	2	0.02	37	0	0.00	73	2	0.03						
39025	SIMAZINE, COULSON CONDUCTIVITY WATER SAM	Drinking Water	4.	5	0	0.00	1	0	0.00	4	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	13	0	0.00	4	0	0.00	9	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	13	0	0.00	4	0	0.00	9	0	0.00						
		Drinking Water	0.2	13	0	0.00	4	0	0.00	9	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	13	0	0.00	4	0	0.00	9	0	0.00						
		Drinking Water	2.	13	0	0.00	4	0	0.00	9	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	13	0	0.00	4	0	0.00	9	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	13	0	0.00	4	0	0.00	9	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	13	0	0.00	4	0	0.00	9	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	13	0	0.00	4	0	0.00	9	0	0.00						
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	2	0	0.00				2	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	13	0	0.00	4	0	0.00	9	0	0.00						
		Drinking Water	2.	13	0	0.00	4	0	0.00	9	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	13	0	0.00	4	0	0.00	9	0	0.00						
		Drinking Water	3.	13	0	0.00	4	0	0.00	9	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	13	0	0.00	4	0	0.00	9	0	0.00						
		Drinking Water	0.4	13	0	0.00	4	0	0.00	9	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	13	0	0.00	4	0	0.00	9	0	0.00						
		Drinking Water	0.2	13	0	0.00	4	0	0.00	9	0	0.00						
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	13	0	0.00	4	0	0.00	9	0	0.00						
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	13	0	0.00	4	0	0.00	9	0	0.00						
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	6	0	0.00	2	0	0.00	4	0	0.00						
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	8	0	0.00	2	0	0.00	6	0	0.00						
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	8	0	0.00	2	0	0.00	6	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	57	0	0.00	27	0	0.00	30	0	0.00						
		Drinking Water	2.	57	0	0.00	27	0	0.00	30	0	0.00						
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	12	0	0.00	7	0	0.00	5	0	0.00						
		Drinking Water	2.	12	0	0.00	7	0	0.00	5	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	21	0	0.00	13	0	0.00	8	0	0.00						
		Drinking Water	2.	21	0	0.00	13	0	0.00	8	0	0.00						

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



PECOS RIVER NEAR LANGTRY, TX



PECOS RIVER NEAR LANGTRY, TX

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/30/74-03/01/93	43	27.	25.016	30.	2.7	26.078	5.107	17.7	23.	28.	29.3
00025	BAROMETRIC PRESSURE (MM OF HG)	10/27/82-03/01/93	21	732.	732.81	748.	726.	27.062	5.202	727.2	729.5	735.	740.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-03/01/93	33	169.	210.727	690.	87.	17867.205	133.668	92.2	113.5	255.	386.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/78-03/01/93	30	1.5	3.007	30.	0.4	28.474	5.336	0.8	1.	2.425	5.44
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-03/01/93	43	2700.	2883.256	5320.	1790.	853893.909	924.064	1994.	2160.	3270.	4658.
00300	OXYGEN, DISSOLVED MG/L	10/30/74-03/01/93	43	8.3	8.391	10.3	6.7	0.778	0.882	7.28	7.7	9.	9.76
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/30/74-02/02/83	23	99.	98.909	136.	8.9	531.901	23.063	90.4	96.	105.	128.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/30/74-03/01/93	43	0.8	1.033	3.4	0.	0.64	0.8	0.2	0.5	1.4	2.
00400p	PH (STANDARD UNITS)	03/01/71-03/01/93	44	8.	7.93	8.3	7.3	0.07	0.265	7.5	7.8	8.175	8.25
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-03/01/93	44	8.	7.844	8.3	7.3	0.077	0.278	7.5	7.8	8.175	8.25
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-03/01/93	44	0.01	0.014	0.05	0.005	0.	0.01	0.006	0.007	0.016	0.032
00403	PH, LAB, STANDARD UNITS SU	10/08/80-03/01/93	24	8.	8.012	8.2	7.1	0.051	0.225	7.85	8.	8.175	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/08/80-03/01/93	24	8.	7.917	8.2	7.1	0.06	0.245	7.85	8.	8.175	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/80-03/01/93	24	0.01	0.012	0.079	0.006	0.	0.015	0.006	0.007	0.01	0.014
00405	CARBON DIOXIDE (MG/L AS CO2)	03/01/71-07/23/80	17	3.4	3.794	7.7	1.5	3.358	1.833	1.82	2.6	4.25	7.38
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-07/02/91	38	130.	126.974	163.	0.	785.972	28.035	104.5	111.5	148.	157.2
00440	BICARBONATE ION (MG/L AS HCO3)	03/01/71-11/07/90	24	160.	159.333	194.	122.	389.971	19.748	133.	141.75	177.5	189.
00445	CARBONATE ION (MG/L AS CO3)	03/01/71-11/07/90	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	10/30/74-07/08/81	20	1.6	1.73	3.4	0.6	0.498	0.706	1.	1.225	2.35	2.77
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/30/74-07/08/81	19	0.44	0.625	2.4	0.14	0.35	0.591	0.16	0.29	0.63	2.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/14/79-03/01/93	27	0.06	0.057	0.11	0.01	0.001	0.028	0.018	0.03	0.07	0.102
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/30/74-12/03/92	33	0.03	0.047	0.18	0.	0.002	0.04	0.007	0.02	0.07	0.112
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/11/85-03/01/93	14 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.008
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/30/74-12/03/92	21	0.01	0.012	0.04	0.	0.	0.009	0.005	0.005	0.015	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/01/71-10/08/80	17	1.1	1.159	2.3	0.51	0.26	0.51	0.566	0.805	1.5	1.98
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/01/73-08/20/91	10	0.455	0.514	1.4	0.24	0.107	0.327	0.246	0.323	0.52	1.315
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/74-03/01/93	42	0.49	0.589	2.4	0.02	0.228	0.477	0.16	0.3	0.725	1.17
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/30/74-12/03/92	24	0.985	0.955	2.3	0.06	0.368	0.606	0.13	0.535	1.25	1.9
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/74-03/01/93	27	0.3	0.432	1.8	0.05	0.216	0.465	0.05	0.1	0.6	1.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/30/74-03/01/93	43	0.01	0.024	0.36	0.	0.003	0.054	0.005	0.01	0.02	0.042
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/77-03/01/93	32 ##	0.005	0.012	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.034
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/07/81-03/01/93	23 ##	0.005	0.01	0.04	0.005	0.	0.011	0.005	0.005	0.01	0.036
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/30/74-07/08/81	12	2.75	5.467	25.	0.8	44.401	6.663	0.98	1.775	5.9	20.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-02/02/83	22	475.	493.182	700.	360.	7717.965	87.852	393.	430.	550.	627.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-02/02/83	22	335.	357.273	570.	220.	8982.684	94.777	239.	287.5	425.	507.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-03/01/93	42	120.	130.286	270.	86.	1658.16	40.721	90.3	99.75	140.	187.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-03/01/93	42	57.5	60.452	120.	36.	345.425	18.586	40.9	46.	69.	92.7
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-03/01/93	42	365.	395.	790.	220.	19976.829	141.339	260.	287.5	460.	671.
00931	SODIUM ADSORPTION RATIO	03/01/71-02/02/83	22	5.95	6.259	8.1	4.9	0.919	0.959	5.03	5.55	7.	7.85
00932	SODIUM, PERCENT	03/01/71-02/02/83	22	57.5	58.5	74.	53.	17.595	4.195	54.3	56.	60.25	61.7
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-03/01/93	42	7.45	7.493	14.	5.1	3.418	1.849	5.63	6.	8.35	9.85
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-03/01/93	42	605.	648.333	1200.	350.	51433.74	226.79	413.	460.	752.5	1100.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-03/01/93	42	350.	395.238	960.	210.	31747.503	178.178	233.	280.	462.5	714.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/74-03/01/93	40	0.8	0.802	1.3	0.4	0.016	0.127	0.7	0.725	0.9	0.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-03/01/93	42	14.	14.51	21.	8.1	8.095	2.845	11.	13.	17.	18.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/30/74-08/20/91	27	1.	1.222	4.	0.5	0.468	0.684	0.9	1.	1.	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/30/74-08/04/82	14	1.	2.071	12.	1.	8.379	2.895	1.	1.	2.	7.
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/19/76-01/25/93	25	100.	111.6	300.	50.	6405.667	80.035	50.	50.	150.	264.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/20/91	13 ##	5.	4.635	5.	0.25	1.736	1.317	2.15	5.	5.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/30/74-08/20/91	27 ##	0.5	0.704	5.	0.	0.986	0.993	0.	0.	1.	1.2
01027	CADMIUM, TOTAL (UG/L AS CD)	10/30/74-08/04/82	14 ##	0.25	2.464	10.	0.	17.018	4.125	0.	0.	4.	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/30/74-08/20/91	27 ##	0.5	1.056	10.	0.	4.545	2.132	0.	0.	1.	3.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/30/74-08/04/82	14 ##	7.5	8.571	40.	0.	117.033	10.818	0.	0.	10.	30.
01035	COBALT, DISSOLVED (UG/L AS CO)	10/30/74-01/25/93	29 ##	0.5	0.638	5.	0.	1.016	1.008	0.	0.	0.5	2.
01037	COBALT, TOTAL (UG/L AS CO)	10/30/74-08/04/82	14 ##	0.	7.786	50.	0.	321.566	17.932	0.	0.	3.25	50.
01040	COPPER, DISSOLVED (UG/L AS CU)	10/30/74-08/20/91	27 ##	0.5	0.815	5.	0.	1.618	1.272	0.	0.	1.	1.8
01042	COPPER, TOTAL (UG/L AS CU)	10/30/74-08/04/82	14	5.	5.286	13.	0.	17.912	4.232	0.	1.75	10.	11.5
01045	IRON, TOTAL (UG/L AS FE)	10/30/74-08/04/82	14	110.	642.857	7600.	50.	4010868.132	2002.715	60.	80.	150.	3890.
01046	IRON, DISSOLVED (UG/L AS FE)	10/30/74-01/25/93	29	20.	151.862	3900.	5.	519850.195	721.006	5.	5.	25.	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 #1: 6/10 to 10/31 - Station AMIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	10/30/74-08/20/91	27 ##	0.5	1.444	10.	0.	4.545	2.132	0.	0.	2.5	3.4
01051	LEAD, TOTAL (UG/L AS PB)	10/30/74-08/04/82	14	4.	23.929	100.	0.	1705.61	41.299	0.	1.	31.75	100.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/30/74-08/04/82	14	15.	50.571	460.	5.	14243.033	119.344	5.	5.	27.5	265.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/30/74-01/25/93	29 ##	5.	26.483	590.	2.	11756.973	108.43	5.	5.	8.	10.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-01/25/93	15	5.	5.467	10.	3.	3.267	1.807	3.6	5.	6.	9.4
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/30/74-01/25/93	23 ##	0.5	1.37	7.	0.	3.891	1.973	0.	0.5	2.	5.6
01075	SILVER, DISSOLVED (UG/L AS AG)	10/19/76-01/25/93	25 ##	0.5	0.42	2.5	0.	0.264	0.514	0.	0.	0.5	0.7
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/30/74-01/25/93	19	2100.	2222.632	4400.	320.	971042.69	985.415	410.	1900.	2600.	3800.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-01/25/93	15	17.	17.133	30.	8.	40.41	6.357	8.	11.	22.	26.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/30/74-08/20/91	27	6.	21.185	140.	0.	866.849	29.442	0.	5.	30.	60.
01092	ZINC, TOTAL (UG/L AS ZN)	10/30/74-08/04/82	14	20.	37.286	120.	0.	1503.143	38.77	1.	10.	62.5	115.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/30/74-01/25/93	19 ##	5.	16.053	50.	5.	304.386	17.447	5.	5.	20.	50.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/30/74-01/25/93	19	60.	63.737	100.	11.	385.316	19.629	40.	50.	80.	90.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/30/74-01/25/93	28 ##	0.5	0.714	2.	0.	0.212	0.46	0.45	0.5	1.	1.1
01147	SELENIUM, TOTAL (UG/L AS SE)	10/30/74-08/04/82	13	1.	0.885	2.	0.	0.256	0.506	0.	0.75	1.	1.6
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/19/76-03/01/93	37	24.	29.378	190.	4.	1234.742	35.139	4.8	9.	30.5	52.2
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/19/76-03/01/93	37	1.38	1.287	2.279	0.602	0.153	0.392	0.68	0.952	1.484	1.718
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			19.36								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/19/76-03/01/93	37	31.	63.081	450.	4.	8496.854	92.178	10.4	22.	53.	208.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/19/76-03/01/93	37	1.491	1.546	2.653	0.602	0.192	0.438	1.014	1.342	1.724	2.317
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			35.152								
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	10/30/74-07/08/81	16	575.	6046.875	61000.	90.	230376969.583	15178.174	125.	317.5	3175.	28100.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/30/74-03/01/93	42	1710.	1809.048	3590.	1070.	407779.559	638.576	1210.	1320.	2022.5	3066.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-02/02/83	22	1350.	1425.455	2170.	1030.	90025.974	300.043	1054.	1177.5	1662.5	1878.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/74-02/02/83	22	859.	1499.5	10900.	466.	5020031.31	2240.543	484.4	608.	1225.	3495.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/02/83	22	1.85	2.019	3.05	1.46	0.182	0.426	1.525	1.708	2.42	2.675
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/30/74-08/24/92	43	88.	80.907	99.	12.	405.848	20.146	48.8	75.	96.	99.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/78-06/05/85	11	0.03	0.065	0.18	0.	0.004	0.064	0.	0.03	0.15	0.174
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/30/74-07/08/81	20	7.1	7.63	15.	2.7	9.587	3.096	4.42	5.375	10.7	11.9
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/30/74-08/20/91	27 ##	0.1	0.191	0.9	0.05	0.043	0.207	0.05	0.05	0.25	0.6
71900	MERCURY, TOTAL (UG/L AS HG)	10/30/74-08/04/82	13 ##	0.2	0.181	0.25	0.05	0.006	0.078	0.05	0.1	0.25	0.25
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/30/74-08/24/92	43	16.	34.116	677.	3.	10280.534	101.393	6.	9.	24.	43.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/30/74-08/04/82	23	9.6	250.061	5480.	2.3	1299937.548	1140.148	3.24	8.3	14.	47.8

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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0075

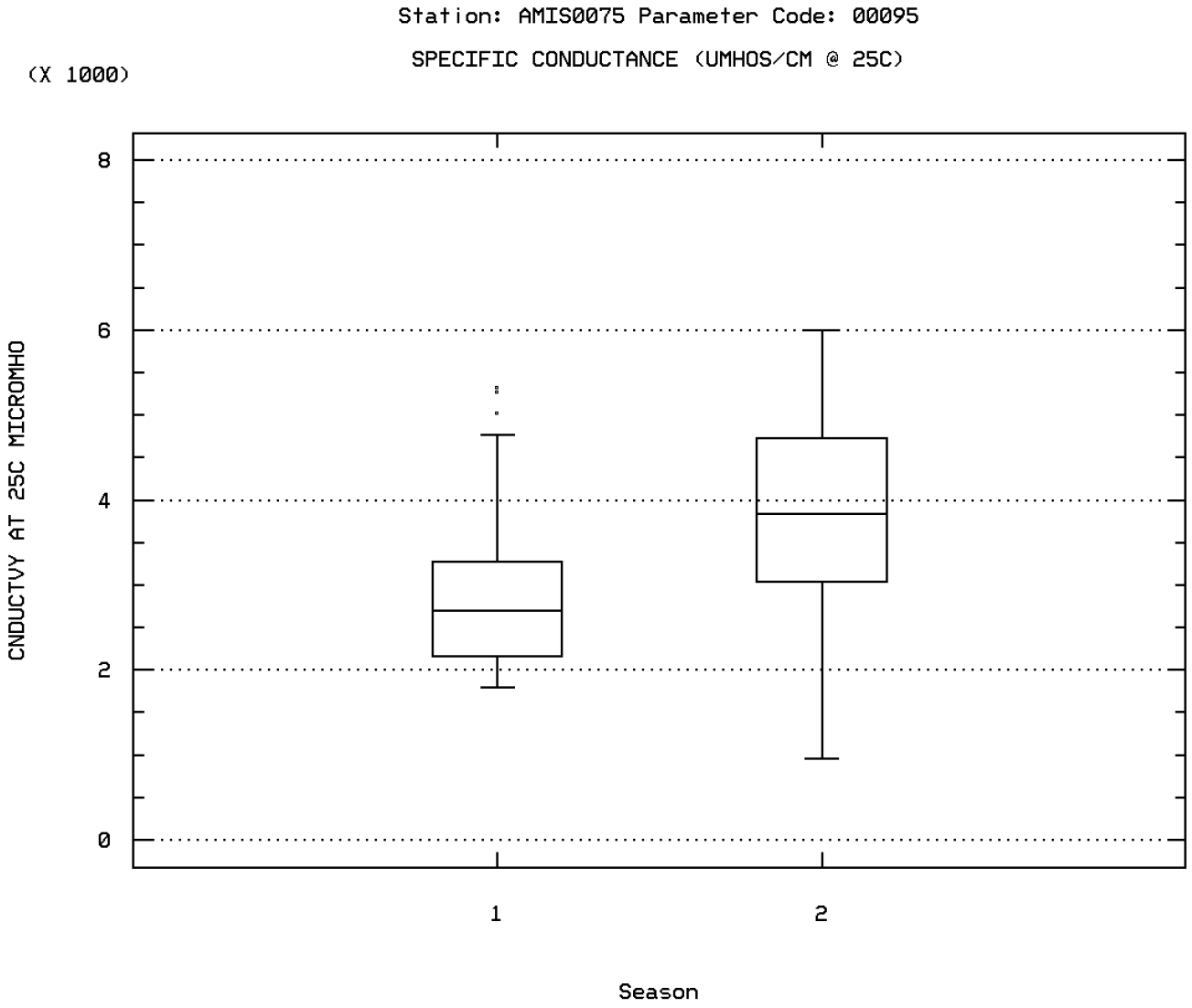
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/30/74-03/01/93	78	15.75	17.192	28.	6.	32.553	5.706	10.45	12.375	21.5	25.55
00025	BAROMETRIC PRESSURE (MM OF HG)	10/27/82-03/01/93	41	734.	733.634	750.	724.	41.788	6.464	725.2	728.5	738.	741.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/76-03/01/93	68	187.	294.015	5520.	92.	426180.821	652.825	134.	160.5	240.25	380.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/78-03/01/93	60	1.25	2.887	41.	0.2	36.287	6.024	0.41	0.6	2.7	4.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/01/71-03/01/93	78	3835.	3863.679	6000.	960.	1095583.026	1046.701	2599.	3030.	4740.	5226.
00300	OXYGEN, DISSOLVED MG/L	10/30/74-03/01/93	78	9.55	9.492	13.	7.3	1.486	1.219	8.08	8.55	10.2	11.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/30/74-02/02/83	39	95.	97.026	140.	79.	154.131	12.415	81.	93.	98.	115.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/30/74-03/01/93	78	0.8	1.117	8.	0.2	1.074	1.037	0.4	0.5	1.425	2.12
00400p	PH (STANDARD UNITS)	03/01/71-03/01/93	78	8.	7.961	8.4	7.1	0.067	0.259	7.6	7.8	8.2	8.207
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-03/01/93	78	8.	7.87	8.4	7.1	0.076	0.275	7.6	7.8	8.2	8.207
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-03/01/93	78	0.01	0.013	0.079	0.004	0.	0.012	0.006	0.006	0.016	0.025
00403	PH, LAB, STANDARD UNITS SU	10/08/80-03/01/93	50	8.	8.02	8.3	7.3	0.032	0.18	7.81	7.9	8.1	8.29
00403	CONVERTED PH, LAB, STANDARD UNITS	10/08/80-03/01/93	50	8.	7.976	8.3	7.3	0.034	0.185	7.81	7.9	8.1	8.29
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/80-03/01/93	50	0.01	0.011	0.05	0.005	0.	0.007	0.005	0.008	0.013	0.016
00405	CARBON DIOXIDE (MG/L AS CO2)	03/01/71-07/23/80	26	3.45	4.992	18.	1.3	14.822	3.85	2.05	2.875	7.225	10.62
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/01/71-07/02/91	69	150.	138.391	199.	0.	1647.418	40.588	103.	126.5	160.	172.
00440	BICARBONATE ION (MG/L AS HCO3)	03/01/71-11/07/90	43	186.	182.907	242.	130.	695.848	26.379	146.	157.	200.	216.4
00445	CARBONATE ION (MG/L AS CO3)	03/01/71-11/07/90	43	0.	0.093	4.	0.	0.372	0.61	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	10/30/74-07/08/81	33	1.9	1.985	3.5	0.9	0.404	0.636	1.24	1.5	2.3	3.08
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/30/74-07/08/81	33	0.38	0.483	1.8	0.07	0.119	0.344	0.178	0.27	0.63	0.828
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/14/79-03/01/93	54	0.05	0.054	0.18	0.	0.001	0.036	0.015	0.03	0.06	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/30/74-12/03/92	60	0.04	0.046	0.12	0.	0.001	0.028	0.01	0.02	0.068	0.089
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/11/85-03/01/93	28 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/30/74-12/03/92	30	0.01	0.014	0.04	0.005	0.	0.008	0.005	0.009	0.02	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/01/71-10/08/80	22	1.6	1.566	3.	0.49	0.41	0.641	0.597	1.038	1.85	2.51
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/01/73-08/20/91	23	0.42	0.462	1.1	0.1	0.071	0.267	0.126	0.31	0.55	0.944
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/74-03/01/93	76	0.45	0.509	3.1	0.1	0.179	0.424	0.1	0.263	0.6	0.87
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/30/74-12/03/92	41	1.4	1.297	3.	0.16	0.418	0.647	0.53	0.76	1.6	2.28
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/74-03/01/93	54	0.75	0.79	1.9	0.05	0.16	0.4	0.3	0.5	1.	1.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/30/74-03/01/93	77	0.01	0.015	0.2	0.	0.001	0.024	0.005	0.005	0.02	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/77-03/01/93	67 ##	0.005	0.011	0.18	0.	0.	0.022	0.005	0.005	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/07/81-03/01/93	43 ##	0.005	0.01	0.04	0.005	0.	0.009	0.005	0.005	0.01	0.026
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/30/74-07/08/81	18	2.5	3.039	13.	1.	6.787	2.605	1.18	1.925	3.15	4.72
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/01/71-02/02/83	36	695.	706.389	1100.	210.	32806.587	181.126	470.	580.	835.	946.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/01/71-02/02/83	37	550.	543.514	870.	18.	40123.646	200.309	300.	450.	690.	822.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/71-03/01/93	75	170.	170.813	330.	58.	1977.343	44.467	116.	140.	200.	230.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/71-03/01/93	75	79.	81.227	150.	16.	506.421	22.504	53.	65.	97.	110.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/01/71-03/01/93	75	540.	548.267	960.	110.	30755.063	175.371	342.	410.	690.	778.
00931	SODIUM ADSORPTION RATIO	03/01/71-02/02/83	36	7.9	8.025	11.	3.3	3.214	1.793	5.88	6.775	9.725	11.
00932	SODIUM, PERCENT	03/01/71-02/02/83	36	60.	60.333	73.	53.	15.6	3.95	56.	57.25	62.	64.9
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/71-03/01/93	75	8.7	8.809	15.	1.9	5.46	2.337	6.06	7.2	11.	12.
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/01/71-03/01/93	75	900.	907.467	1500.	170.	77767.82	278.869	558.	690.	1100.	1300.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/01/71-03/01/93	75	510.	528.	900.	100.	32478.378	180.218	306.	380.	650.	798.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/74-03/01/93	75	0.8	0.801	1.3	0.05	0.023	0.153	0.7	0.8	0.9	0.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-03/01/93	74	12.	12.399	17.	7.5	5.549	2.356	8.85	11.	14.	16.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/30/74-08/20/91	30	1.	0.933	3.	0.5	0.254	0.504	0.5	0.5	1.	1.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/30/74-08/04/82	8	1.	1.25	2.	1.	0.214	0.463	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/19/76-01/25/93	33 ##	50.	100.818	300.	50.	4781.466	69.148	50.	50.	150.	200.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/20/91	22 ##	5.	5.023	10.	0.5	2.154	1.468	5.	5.	5.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/30/74-08/20/91	30 ##	0.5	0.567	2.	0.	0.151	0.388	0.	0.5	0.5	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/30/74-08/04/82	8 ##	0.25	2.75	20.	0.	48.714	6.98	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/30/74-08/20/91	30 ##	0.5	2.883	30.	0.	34.684	5.889	0.05	0.5	2.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/30/74-08/04/82	8 ##	10.	11.25	30.	0.	69.643	8.345	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	10/30/74-01/25/93	34 ##	0.5	0.618	3.	0.	0.304	0.551	0.	0.5	0.5	1.
01037	COBALT, TOTAL (UG/L AS CO)	10/30/74-08/04/82	8	0.75	6.938	50.	0.	303.46	17.42	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/30/74-08/20/91	30 ##	0.5	0.9	4.	0.	0.662	0.814	0.5	0.5	1.	1.9
01042	COPPER, TOTAL (UG/L AS CU)	10/30/74-08/04/82	8	6.	6.125	10.	1.	10.125	3.182	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/30/74-08/04/82	8	80.	931.25	4300.	40.	2626698.214	1620.709	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/30/74-01/25/93	34	20.	19.735	40.	5.	132.685	11.519	5.	5.	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 box-and-whisker plot

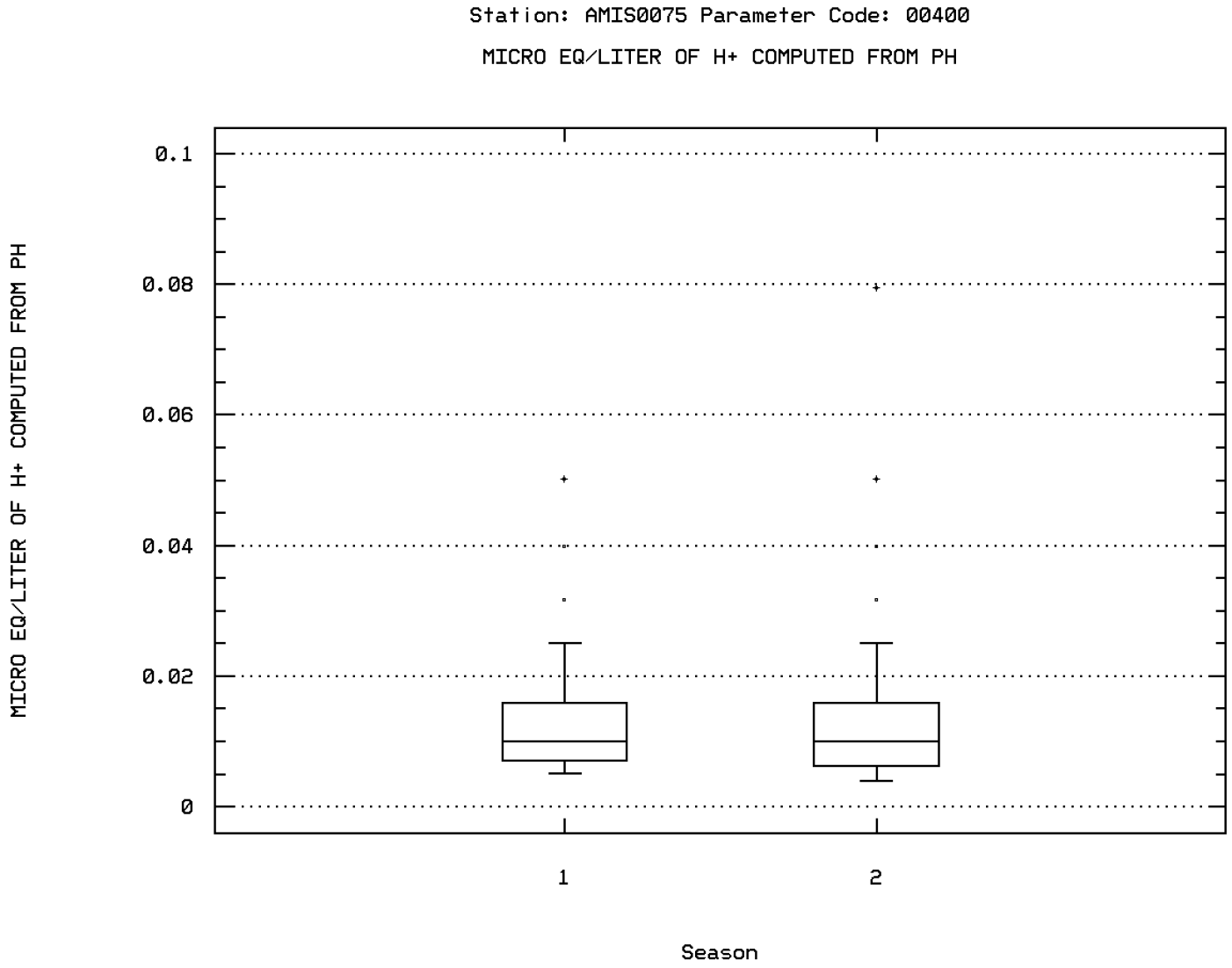
Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	10/30/74-08/20/91	30 ##	0.75	1.283	4.	0.	1.253	1.119	0.	0.5	2.5	2.5
01051	LEAD, TOTAL (UG/L AS PB)	10/30/74-08/04/82	8	3.5	15.625	100.	0.	1172.268	34.238	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/30/74-08/04/82	8	10.	33.75	190.	0.	4076.786	63.85	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/30/74-01/25/93	34	7.5	8.	20.	2.	16.	4.	5.	5.	10.	10.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-01/25/93	26	6.	6.5	13.	2.	5.38	2.319	3.4	5.	8.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/30/74-01/25/93	31 ##	0.5	0.855	3.	0.	0.57	0.755	0.5	0.5	1.	2.
01075	SILVER, DISSOLVED (UG/L AS AG)	10/19/76-01/25/93	33 ##	0.5	0.455	1.	0.	0.053	0.229	0.	0.5	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/30/74-01/25/93	27	3300.	3307.407	4900.	1600.	723019.943	850.306	1980.	2600.	3800.	4720.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-01/25/93	26	20.5	19.654	40.	0.5	91.535	9.567	5.35	13.	26.25	31.6
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/30/74-08/20/91	30	10.	14.367	70.	5.	221.689	14.889	5.	5.	20.	30.
01092	ZINC, TOTAL (UG/L AS ZN)	10/30/74-08/04/82	8	35.	38.75	80.	10.	612.5	24.749	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/30/74-01/25/93	27 ##	5.	8.519	50.	5.	80.413	8.967	5.	5.	10.	12.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/30/74-01/25/93	27	80.	83.963	120.	40.	441.729	21.017	58.	70.	100.	120.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/30/74-01/25/93	34 ##	0.5	0.676	2.	0.5	0.104	0.323	0.5	0.5	1.	1.
01147	SELENIUM, TOTAL (UG/L AS SE)	10/30/74-08/04/82	8	1.	0.938	1.	0.5	0.031	0.177	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/19/76-03/01/93	73	12.	66.705	3300.	0.5	150136.672	387.475	2.	5.	21.	44.8
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/19/76-03/01/93	73	1.079	1.006	3.519	-0.301	0.374	0.611	0.301	0.699	1.322	1.65
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			10.144								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/19/76-03/01/93	73	20.	74.726	3500.	1.	166502.729	408.047	6.	12.	25.5	58.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/19/76-03/01/93	73	1.301	1.26	3.544	0.	0.258	0.508	0.778	1.079	1.406	1.763
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			18.187								
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/29/75-06/09/82	9 ##	0.	0.006	0.05	0.	0.	0.017	0.	0.	0.	0.05
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.056	0.5	0.	0.028	0.167	0.	0.	0.	0.5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/29/75-06/09/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
60050	ALGAE, TOTAL (CELLS/ML)	10/30/74-07/08/81	15	710.	5874.2	67000.	93.	291165118.886	17063.561	115.2	280.	2400.	32260.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/30/74-03/01/93	74	2460.	2450.284	3860.	541.	517136.644	719.122	1650.	1880.	3032.5	3440.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/01/71-02/02/83	35	2060.	2147.743	3350.	581.	445461.255	667.429	1324.	1680.	2660.	3164.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/01/74-02/02/83	36	1375.	1670.417	8060.	531.	1870563.736	1367.686	787.4	958.25	1742.5	3118.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/01/71-02/02/83	36	2.9	3.014	4.69	0.74	0.86	0.927	1.842	2.415	3.773	4.39
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/30/74-08/24/92	74	79.5	74.189	100.	8.	428.238	20.694	47.	63.75	91.	95.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/78-06/05/85	19	0.03	0.051	0.15	0.	0.002	0.04	0.	0.03	0.06	0.12
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/30/74-07/08/81	33	8.5	8.855	16.	4.	8.321	2.885	5.38	6.75	10.	13.6
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/30/74-08/20/91	30 ##	0.05	0.142	0.7	0.05	0.029	0.172	0.05	0.05	0.2	0.48
71900	MERCURY, TOTAL (UG/L AS HG)	10/30/74-08/04/82	8	0.1	0.169	0.5	0.05	0.023	0.151	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/30/74-08/24/92	74	12.5	26.122	543.	2.	4233.149	65.063	5.	8.	21.25	39.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/30/74-08/04/82	37	7.1	229.403	8090.	2.5	1764154.174	1328.215	2.76	4.8	12.	34.

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



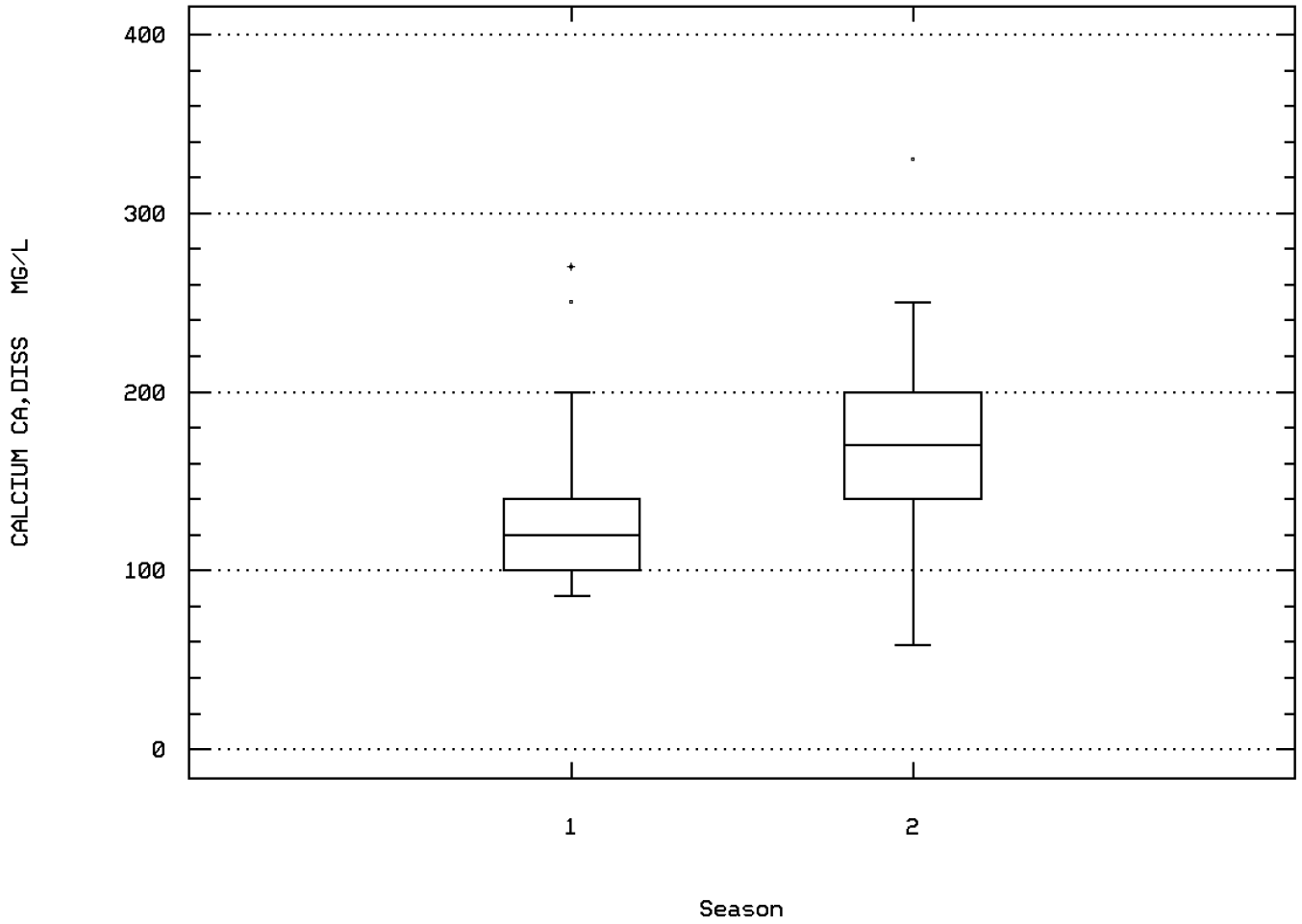
PECOS RIVER NEAR LANGTRY, TX



PECOS RIVER NEAR LANGTRY, TX

Station: AMIS0075 Parameter Code: 00915

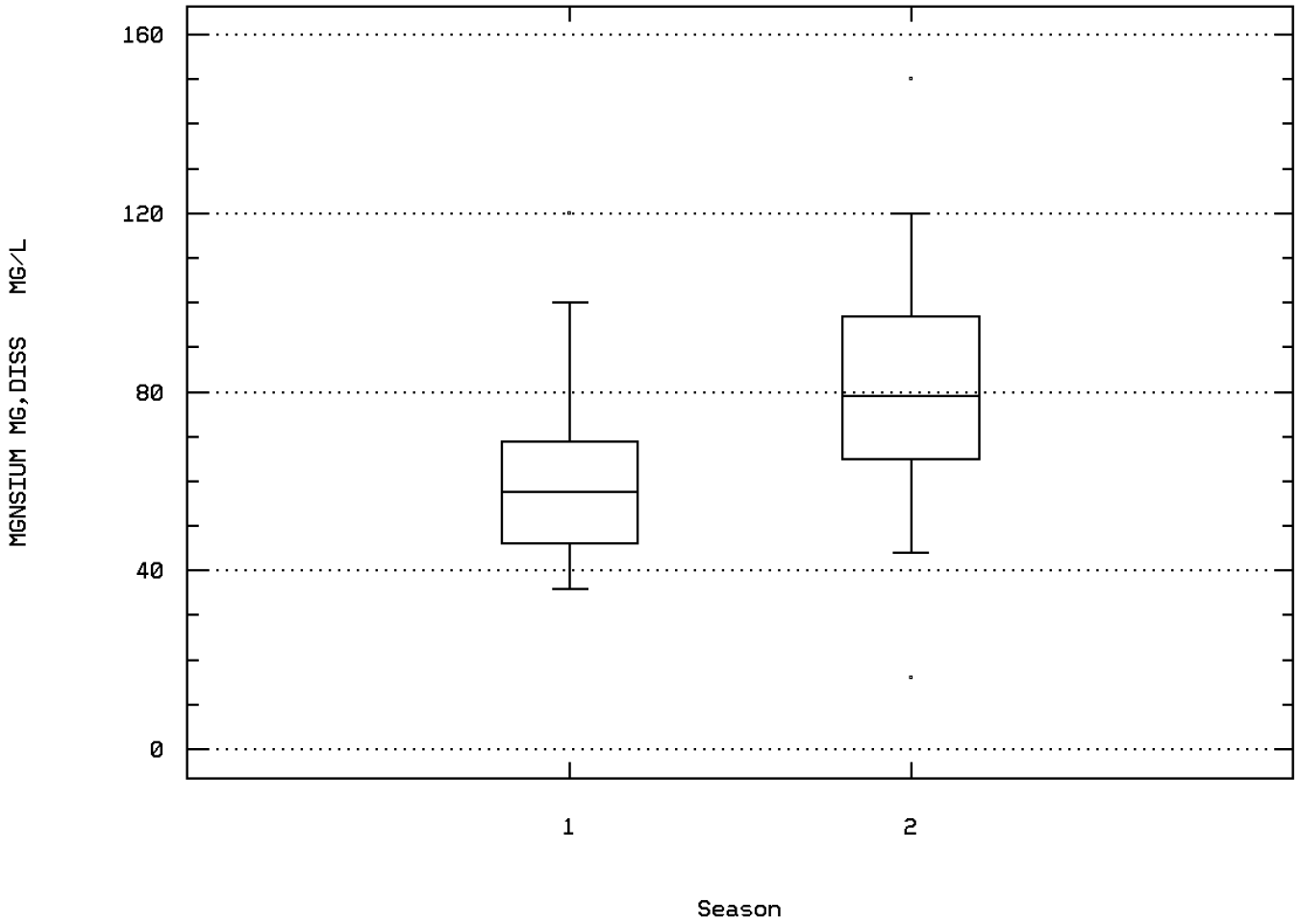
CALCIUM, DISSOLVED (MG/L AS CA)



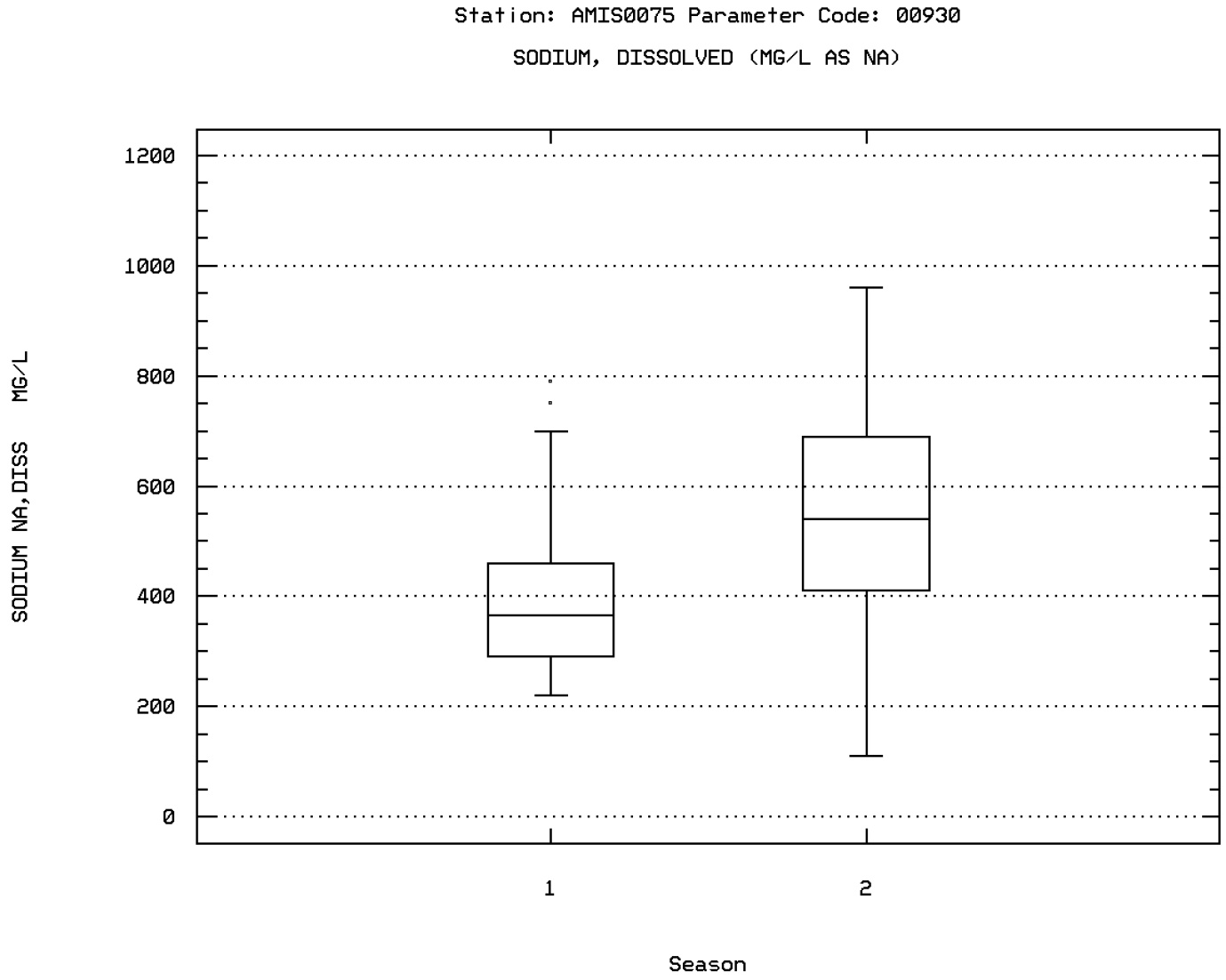
PECOS RIVER NEAR LANGTRY, TX

Station: AMIS0075 Parameter Code: 00925

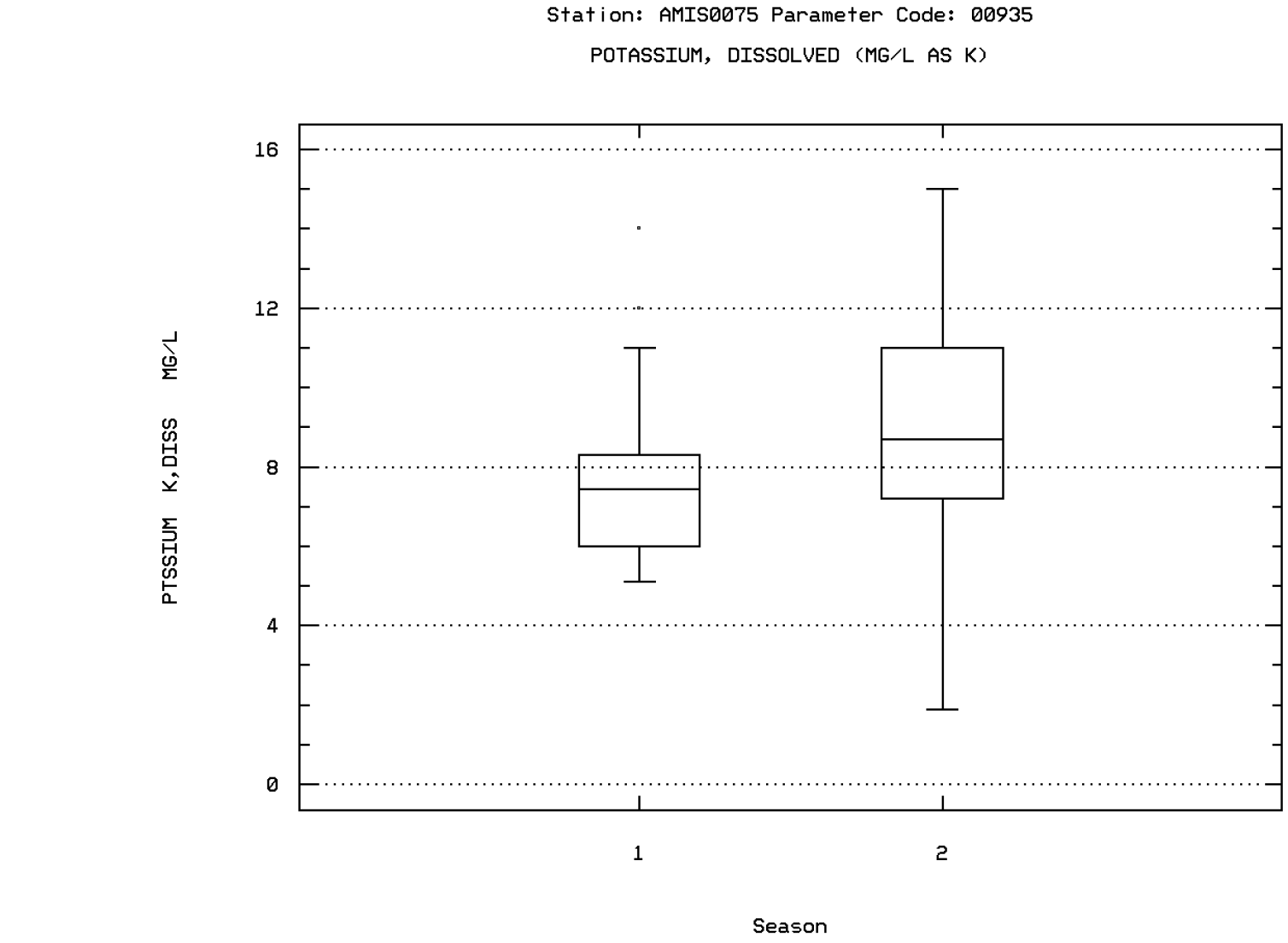
MAGNESIUM, DISSOLVED (MG/L AS MG)



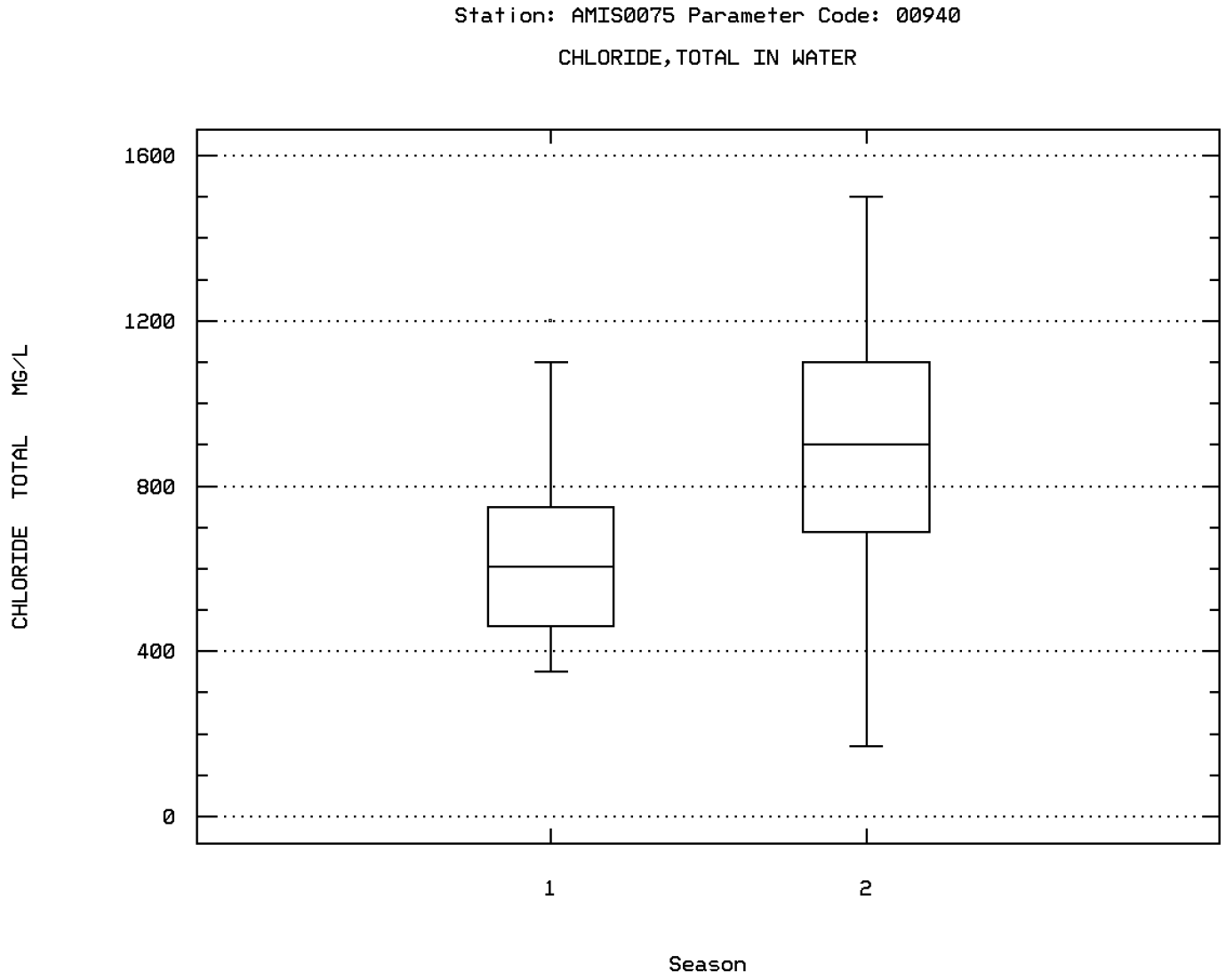
PECOS RIVER NEAR LANGTRY, TX



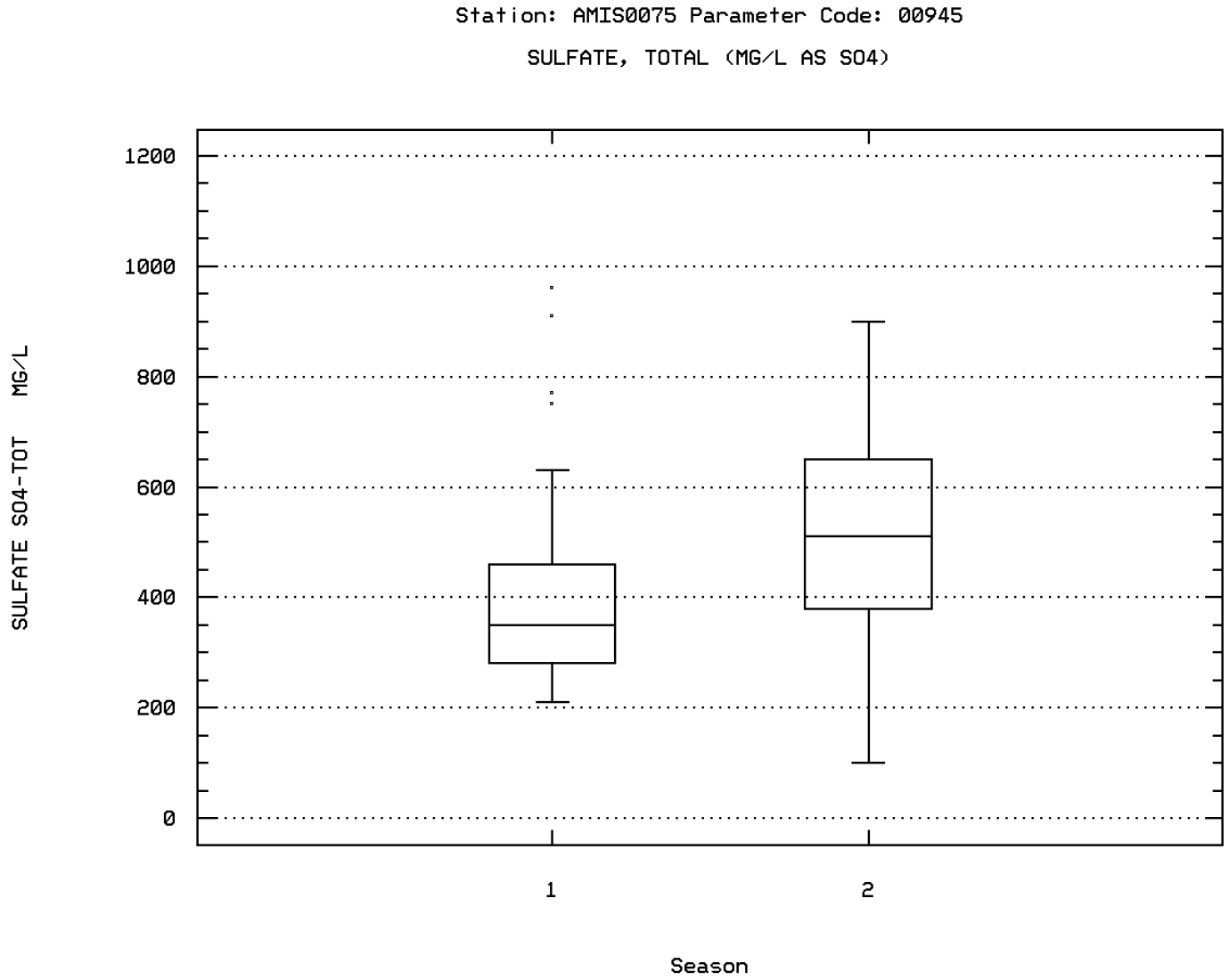
PECOS RIVER NEAR LANGTRY, TX



PECOS RIVER NEAR LANGTRY, TX



PECOS RIVER NEAR LANGTRY, TX



PECOS RIVER NEAR LANGTRY, TX

Station Inventory for Station: AMIS0076

NPS Station ID: AMIS0076 LAT/LON: 29.788337/-101.450005 Agency: 21TEXWR Date Created: 11/16/78
Location: RIO GRANDE ABV IMPD WATER AT FOS FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): IMS21-13
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13040212 Depth of Water: 999 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040212014 RF1 Mile Point: 13.310 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13040212001107.44 RF3 Mile Point: 8.11 Distance from RF3: 0.17 On/Off RF3:
Description:
DATA FROM TEXAS WATER QUALITY BOARD SEDIMENT ANALYZED FOR TOXICS
SAMPLE TAKEN FROM RIO GRANDE ABOVE IMPOUNDED WATER AT FOSTER RANCH

Parameter Inventory for Station: AMIS0076

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: AMIS0077

NPS Station ID: AMIS0077
LAT/LON: 29.800004/-101.450005
Agency: 21TEXWR
Date Created: 10/06/79
Location: PECOS RIVER NEAR SHUMLA
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 23100100 /2310 1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13070008
Depth of Water: 0
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: UPPER PECOS RIVER
ECO Region:
RF1 Index: 13070008001
RF1 Mile Point: 16.090
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13040302001118.93
RF3 Mile Point: 20.17
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	54	21.1	20.537	29.4	8.3	39.147	6.257	10.55	16.55	26.25	28.3
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	52	71.	69.425	85.	47.	124.069	11.139	52.	62.	79.75	83.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-05/01/78	30	303.	399.833	3186.	78.	307717.04	554.722	116.5	148.75	449.	633.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	54	6.	13.852	88.	2.	241.034	15.525	5.	5.	20.	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/04/71-05/01/78	45	2600.	2749.444	6000.	910.	1143205.934	1069.208	1260.	2150.	3350.	4400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/71-05/01/78	31	3264.	3434.935	6012.	1085.	1231764.729	1109.849	1940.4	2800.	3843.	5259.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/20/73-11/20/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	52	9.	8.688	12.	4.5	2.223	1.491	6.93	7.55	10.	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/21/71-07/12/73	11	1.	0.864	1.5	0.5	0.105	0.323	0.5	0.5	1.	1.4
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/73-11/07/77	3	4170.	4300.	6510.	2220.	4613700.	2147.953	**	**	**	**
00400	PH (STANDARD UNITS)	12/04/71-05/01/78	47	8.2	8.163	8.6	7.3	0.098	0.313	7.68	8.	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	12/04/71-05/01/78	47	8.2	8.029	8.6	7.3	0.116	0.341	7.68	8.	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-05/01/78	47	0.006	0.009	0.05	0.003	0.	0.01	0.003	0.004	0.01	0.021
00403	PH, LAB, STANDARD UNITS SU	10/21/71-05/01/78	31	8.1	8.1	8.4	7.6	0.039	0.197	7.9	8.	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/21/71-05/01/78	31	8.1	8.055	8.4	7.6	0.041	0.202	7.9	8.	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/71-05/01/78	31	0.008	0.009	0.025	0.004	0.	0.005	0.004	0.005	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-05/01/78	7	142.	118.329	166.	0.3	3259.089	57.088	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/29/75-08/29/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-05/01/78	26	10.5	23.346	166.	5.	981.915	31.336	9.4	10.	26.25	43.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/14/72-05/01/78	24	10.	9.958	20.	1.	28.216	5.312	2.5	6.	13.75	18.5
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/04/73-08/17/76	2	205.	205.	240.	170.	2450.	49.497	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-05/01/78	26	0.1	0.093	0.4	0.005	0.005	0.071	0.01	0.073	0.1	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-05/01/78	27	1.3	1.378	3.5	0.2	0.69	0.831	0.418	0.69	2.	2.54
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/73-11/07/77	3	270.	223.333	380.	20.	34033.333	184.481	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-05/01/78	25	0.06	0.167	1.4	0.03	0.094	0.307	0.03	0.03	0.115	0.56
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-05/01/78	18	0.03	0.105	1.4	0.015	0.104	0.323	0.029	0.03	0.03	0.167
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-05/01/78	27	0.016	0.051	0.458	0.005	0.009	0.097	0.01	0.01	0.036	0.157
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	08/17/76-11/07/77	2	117.5	117.5	140.	95.	1012.5	31.82	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-05/01/78	20	0.01	0.031	0.458	0.005	0.01	0.1	0.005	0.006	0.01	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-05/01/78	12	4.5	5.417	14.	1.	14.447	3.801	1.	3.25	6.75	13.1
00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/71-05/01/78	31	650.	655.516	1180.	130.	58910.925	242.716	336.6	520.	770.	1034.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/71-05/01/78	31	376.	373.677	700.	130.	18799.226	137.11	199.2	288.	460.	562.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/73-11/07/77	3	5.	3.767	5.8	0.5	8.163	2.857	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/07/77	3	0.5	0.533	1.	0.1	0.203	0.451	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/07/77	3	8.	7.667	8.2	6.8	0.573	0.757	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/73-11/07/77	3	6.	6.3	7.1	5.8	0.49	0.7	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/73-11/07/77	3	2.	1.867	2.6	1.	0.653	0.808	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/73-11/07/77	3	97.	81.	97.	49.	768.	27.713	**	**	**	**

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

Parameter Inventory for Station: AMIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/07/77	3	10.	10.333	11.	10.	0.333	0.577	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/73-11/07/77	3	3.	2.867	3.6	2.	0.653	0.808	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/73-11/07/77	3	6.	5.333	6.6	3.4	2.893	1.701	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/07/77-11/07/77	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/09/74-07/09/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/09/74-07/09/74	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/15/72-06/06/73	6	49.5	61.333	150.	9.	3075.067	55.453	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/15/72-06/06/73	6	1.678	1.581	2.176	0.954	0.262	0.512	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.106								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-05/01/78	15	2.	6.	21.	1.	36.	6.	1.6	2.	10.	17.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-05/01/78	15	0.301	0.593	1.322	0.	0.166	0.408	0.181	0.301	1.	1.235
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.914								
32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	11/08/76-05/01/78	7 ##	0.002	0.002	0.002	0.001	0.	0.	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	04/11/72-05/01/78	24	0.004	0.005	0.032	0.001	0.	0.007	0.002	0.002	0.004	0.014
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	12/04/71-05/01/78	43	1300.	1380.558	3000.	455.	297551.872	545.483	630.	1050.	1700.	2200.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-05/01/78	4	1489.	1505.75	1850.	1195.	125648.917	354.47	**	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	12/04/73-11/07/77	3	1.	0.867	1.	0.6	0.053	0.231	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/73-11/07/77	3	0.01	0.039	0.1	0.008	0.003	0.053	**	**	**	**
80106	PHOSPHORUS IN PARTICULATES (MG/KG DRY WT)	12/04/73-12/04/73	1	400.	400.	400.	400.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	54	2	0.04	18	0	0.00	36	2	0.06						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	52	0	0.00	18	0	0.00	34	0	0.00						
00400	PH	Other-Hi Lim.	9.	47	0	0.00	14	0	0.00	33	0	0.00						
		Other-Lo Lim.	6.5	47	0	0.00	14	0	0.00	33	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	31	0	0.00	11	0	0.00	20	0	0.00						
		Other-Lo Lim.	6.5	31	0	0.00	11	0	0.00	20	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	27	0	0.00	10	0	0.00	17	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	31	6	0.19	11	0	0.00	20	6	0.30						
		Drinking Water	250.	31	29	0.94	11	11	1.00	20	18	0.90						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	31	25	0.81	11	8	0.73	20	17	0.85						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	2	0	0.00	4	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	15	0	0.00	4	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

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	18	26.7	26.133	29.4	21.1	6.745	2.597	21.1	24.125	28.3	29.04
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	18	80.	79.044	85.	70.	21.857	4.675	70.	75.5	83.	84.28
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-05/01/78	9	176.	603.111	3186.	78.	996740.611	998.369	78.	105.5	643.	3186.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	18	8.	11.444	40.	5.	95.791	9.787	5.	5.	15.	31.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/04/71-05/01/78	13	2400.	2257.308	3500.	1220.	361110.897	600.925	1332.	1737.5	2550.	3200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/71-05/01/78	11	2816.	2842.818	3822.	1825.	478784.764	691.943	1845.	2002.	3171.	3822.
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	18	8.05	8.1	10.	4.5	1.836	1.355	6.3	7.425	9.	10.
00400	PH (STANDARD UNITS)	12/04/71-05/01/78	14	8.35	8.15	8.5	7.4	0.138	0.372	7.45	7.925	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	12/04/71-05/01/78	14	8.347	7.974	8.5	7.4	0.171	0.414	7.45	7.925	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-05/01/78	14	0.004	0.011	0.04	0.003	0.	0.012	0.003	0.004	0.012	0.036
00403	PH, LAB, STANDARD UNITS SU	10/21/71-05/01/78	11	8.	8.073	8.4	7.6	0.052	0.228	7.66	8.	8.2	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/21/71-05/01/78	11	8.	8.015	8.4	7.6	0.056	0.236	7.66	8.	8.2	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/71-05/01/78	11	0.01	0.01	0.025	0.004	0.	0.006	0.004	0.006	0.01	0.023
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-05/01/78	9	19.	37.444	166.	10.	2537.528	50.374	10.	10.	45.5	166.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-05/01/78	9	0.1	0.123	0.4	0.01	0.012	0.108	0.01	0.1	0.1	0.4
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-05/01/78	10	0.795	1.061	2.4	0.2	0.469	0.685	0.222	0.593	1.62	2.328
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-05/01/78	10	0.065	0.118	0.4	0.03	0.017	0.132	0.03	0.03	0.163	0.392
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-05/01/78	10	0.021	0.039	0.131	0.01	0.002	0.043	0.01	0.01	0.053	0.128
00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/71-05/01/78	11	540.	554.273	770.	328.	19306.818	138.949	336.6	438.	630.	764.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/71-05/01/78	11	312.	304.818	426.	130.	8092.364	89.958	143.6	223.	376.	420.2
32230	CHLOROPHYLL A (MG/L)	04/11/72-05/01/78	7	0.004	0.004	0.004	0.002	0.	0.001	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	12/04/71-05/01/78	13	1200.	1128.692	1750.	610.	90259.731	300.433	666.	869.	1275.	1600.

** - Less than 9 observations ## - Computed 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 6/09 - Station AMIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	36	18.15	17.739	28.3	8.3	31.844	5.643	10.	12.35	22.2	25.72
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	34	65.	64.332	83.	47.	103.289	10.163	50.	54.75	72.5	78.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/04/71-05/01/78	21	309.	312.714	653.	139.	20929.414	144.67	139.	172.5	453.	461.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	36	5.5	15.056	88.	2.	313.997	17.72	4.	5.	20.	33.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/04/71-05/01/78	32	2950.	2949.375	6000.	910.	1340001.21	1157.584	1260.	2212.5	3575.	4470.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/71-05/01/78	20	3620.	3760.6	6012.	1085.	1378279.726	1174.002	2607.2	2900.	4524.	5517.4
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	34	9.45	9.	12.	4.5	2.2	1.483	7.2	7.975	10.	10.5
00400	PH (STANDARD UNITS)	12/04/71-05/01/78	33	8.2	8.168	8.6	7.3	0.085	0.291	7.84	8.	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	12/04/71-05/01/78	33	8.2	8.055	8.6	7.3	0.098	0.314	7.84	8.	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/71-05/01/78	33	0.006	0.009	0.05	0.003	0.	0.009	0.003	0.004	0.01	0.015
00403	PH, LAB, STANDARD UNITS SU	10/21/71-05/01/78	20	8.1	8.115	8.4	7.7	0.033	0.181	7.91	8.	8.3	8.39
00403	CONVERTED PH, LAB, STANDARD UNITS	10/21/71-05/01/78	20	8.1	8.078	8.4	7.7	0.034	0.185	7.91	8.	8.3	8.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/71-05/01/78	20	0.008	0.008	0.02	0.004	0.	0.004	0.004	0.005	0.01	0.012
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-05/01/78	17	10.	15.882	35.	5.	94.485	9.72	7.4	10.	23.5	34.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-05/01/78	17	0.1	0.077	0.1	0.005	0.001	0.037	0.009	0.05	0.1	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-05/01/78	17	1.32	1.564	3.5	0.41	0.759	0.871	0.554	0.82	2.15	3.18
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-05/01/78	15	0.06	0.2	1.4	0.03	0.148	0.384	0.03	0.03	0.12	1.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-05/01/78	17	0.016	0.058	0.458	0.005	0.014	0.119	0.009	0.01	0.031	0.3
00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/71-05/01/78	20	718.5	711.2	1180.	130.	73657.537	271.399	207.4	551.25	890.	1040.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/71-05/01/78	20	408.	411.55	700.	160.	21168.892	145.495	206.6	294.	498.5	660.
32230	CHLOROPHYLL A (MG/L)	04/11/72-05/01/78	17	0.004	0.006	0.032	0.001	0.	0.008	0.002	0.002	0.004	0.022
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	12/04/71-05/01/78	30	1500.	1489.7	3000.	455.	352828.631	593.994	630.	1118.75	1837.5	2245.

** - Less than 9 observations ## - Computed 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: AMIS0078

NPS Station ID: AMIS0078
LAT/LON: 29.800004/-101.566670
Agency: 112WRD
Date Created: / /
Location: RIO GRANDE AT LANGTRY, TX
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 08377500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13040212
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13040212
RF1 Mile Point: 0.000
Distance from RF1: 5.30
On/Off RF1:
RF3 Index: 13040302000804.18
RF3 Mile Point: 4.64
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0078

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: AMIS0079

NPS Station ID: AMIS0079 LAT/LON: 29.775004/-101.575005 Agency: 21TEXWR Date Created: 10/06/79
Location: RIO GRANDE FOSTER RANCH ABOVE LANGTRY FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 23060100 /2305 1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13040212 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13040212016 RF1 Mile Point: 1.870 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13040302003800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.33 On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	57	21.1	21.263	29.4	10.	32.151	5.67	12.8	17.1	26.85	27.84
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	55	74.	70.716	85.	50.	101.205	10.06	55.6	63.	80.6	82.16
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-05/01/78	31	1098.	1674.065	9213.	2.	3340071.729	1827.586	477.	554.	2420.	3464.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	57	100.	215.281	999.	5.	50817.598	225.428	10.	22.5	450.	500.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/08/72-05/01/78	48	995.	1030.417	3500.	500.	189920.035	435.798	694.	821.25	1068.75	1410.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/71-05/01/78	30	1260.	1214.133	1672.	775.	53473.637	231.244	834.1	1018.75	1388.	1500.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/20/73-11/20/73	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	55	8.5	8.496	13.	2.5	3.726	1.93	6.5	7.	10.	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/21/71-07/12/73	11	1.	2.045	6.5	0.5	3.623	1.903	0.5	1.	3.5	6.
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/73-11/07/77	2	12805.	12805.	21700.	3910.	158242050.	12579.43	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	06/09/75-08/17/76	2	2530.	2530.	2820.	2240.	168200.	410.122	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-05/01/78	49	8.2	8.12	8.97	7.2	0.158	0.397	7.6	7.85	8.4	8.6
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-05/01/78	49	8.2	7.935	8.97	7.2	0.192	0.439	7.6	7.85	8.4	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-05/01/78	49	0.006	0.012	0.063	0.001	0.	0.012	0.003	0.004	0.014	0.025
00403	PH, LAB, STANDARD UNITS SU	10/21/71-05/01/78	30	8.	8.03	8.5	7.7	0.046	0.214	7.71	7.9	8.1	8.39
00403	CONVERTED PH, LAB, STANDARD UNITS	10/21/71-05/01/78	30	8.	7.983	8.5	7.7	0.048	0.219	7.71	7.9	8.1	8.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/71-05/01/78	30	0.01	0.01	0.02	0.003	0.	0.005	0.004	0.008	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-05/01/78	7	170.	169.571	224.	78.	2676.619	51.736	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-05/01/78	26	210.5	1005.269	8200.	9.	3928556.525	1982.059	10.	32.	582.75	4717.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/11/72-05/01/78	25	20.	75.88	470.	2.	15327.777	123.805	5.2	8.5	79.	336.
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/04/73-08/17/76	3	140.	168.333	280.	85.	10108.333	100.54	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-05/01/78	26	0.1	0.086	0.2	0.005	0.002	0.044	0.01	0.088	0.1	0.112
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-05/01/78	26	0.73	0.693	1.3	0.37	0.052	0.228	0.414	0.5	0.86	0.946
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/73-11/07/77	4	135.	338.5	1000.	84.	195875.667	442.578	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-05/01/78	24	0.3	1.042	6.6	0.04	2.875	1.696	0.05	0.08	1.145	4.4
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-05/01/78	17	0.03	0.068	0.25	0.03	0.004	0.065	0.03	0.03	0.09	0.194
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-05/01/78	26	0.098	0.326	2.157	0.01	0.286	0.535	0.015	0.026	0.338	1.386
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	08/17/76-11/07/77	2	580.	580.	620.	540.	3200.	56.569	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-05/01/78	19	0.01	0.021	0.08	0.005	0.	0.021	0.005	0.01	0.03	0.06
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-05/01/78	11	7.	19.273	99.	2.	910.818	30.18	2.2	5.	12.	90.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/71-05/01/78	31	70.	78.097	167.	25.	1544.624	39.302	29.	49.	98.	148.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/71-05/01/78	30	298.5	278.467	350.	80.	3385.775	58.187	207.1	237.5	320.5	338.6
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/73-11/07/77	4	4.1	14.95	49.	2.6	516.33	22.723	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/07/77	4	0.5	0.575	1.	0.3	0.089	0.299	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/07/77	4	7.4	7.35	8.6	6.	1.297	1.139	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/73-11/07/77	4	12.5	11.75	17.	5.	28.917	5.377	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/73-11/07/77	4	7.3	8.15	11.	7.	3.637	1.907	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/73-11/07/77	4	155.	187.75	420.	21.	27980.25	167.273	**	**	**	**

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Parameter Inventory for Station: AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/07/77	4	14.5	14.75	20.	10.	18.25	4.272	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/73-11/07/77	4	1.15	1.125	1.2	1.	0.009	0.096	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/73-11/07/77	4	38.5	38.	46.	29.	68.667	8.287	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/07/77-11/07/77	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/09/74-07/09/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/09/74-07/09/74	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/15/72-06/06/73	6	950.	2173.	6000.	18.	7147270.	2673.438	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/15/72-06/06/73	6	2.722	2.709	3.778	1.255	1.034	1.017	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			512.123								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-05/01/78	14	9.5	102.857	500.	2.	25653.363	160.167	2.	2.	151.75	450.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-05/01/78	14	0.962	1.293	2.699	0.301	0.851	0.922	0.301	0.301	2.18	2.651
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.636								
32222	CHLOROPHYLL A IN BOTTOM DEPOSITS (UG/KG DRY WGT)	11/08/76-05/01/78	7 ##	0.002	0.003	0.005	0.001	0.	0.001	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	04/11/72-05/01/78	23	0.004	0.006	0.02	0.002	0.	0.004	0.002	0.004	0.008	0.012
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	02/08/72-05/01/78	46	491.5	515.826	1750.	250.	49579.836	222.665	341.	408.75	541.	715.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-05/01/78	4	688.5	690.5	770.	615.	4551.	67.461	**	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	12/04/73-11/07/77	4	1.1	1.675	3.5	1.	1.489	1.22	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/17/76-08/17/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/73-11/07/77	4	0.02	0.028	0.06	0.01	0.001	0.024	**	**	**	**
80106	PHOSPHORUS IN PARTICULATES (MG/KG DRY WT)	12/04/73-06/09/75	2	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: AMIS0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	57	37	0.65	19	17	0.89	38	20	0.53						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	55	1	0.02	19	1	0.05	36	0	0.00						
00400	PH	Other-Hi Lim.	9.	49	0	0.00	14	0	0.00	35	0	0.00						
		Other-Lo Lim.	6.5	49	0	0.00	14	0	0.00	35	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	30	0	0.00	10	0	0.00	20	0	0.00						
		Other-Lo Lim.	6.5	30	0	0.00	10	0	0.00	20	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	26	0	0.00	9	0	0.00	17	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	31	0	0.00	11	0	0.00	20	0	0.00						
		Drinking Water	250.	31	0	0.00	11	0	0.00	20	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	30	22	0.73	10	4	0.40	20	18	0.90						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	3	0.50	2	2	1.00	4	1	0.25						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	2	0.14	3	1	0.33	11	1	0.09						
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												
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						
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 1971 - Station AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	3	21.1	18.133	23.3	10.	50.823	7.129	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	3	70.	64.667	74.	50.	165.333	12.858	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	3	165.	286.667	600.	95.	74858.333	273.603	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	3	5.5	5.167	7.5	2.5	6.333	2.517	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	12	24.4	21.383	28.9	10.6	34.256	5.853	11.41	16.275	25.975	28.06
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	12	76.	70.5	84.	51.	111.364	10.553	52.5	61.25	78.75	82.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	12	287.5	306.167	999.	15.	94033.606	306.649	15.	30.	500.	849.3
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	12	7.75	7.917	11.	5.5	3.129	1.769	5.8	6.5	9.25	10.85
00400	PH (STANDARD UNITS)	02/08/72-05/01/78	9	8.2	8.089	8.6	7.6	0.146	0.382	7.6	7.65	8.4	8.6
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-05/01/78	9	8.2	7.945	8.6	7.6	0.169	0.412	7.6	7.65	8.4	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-05/01/78	9	0.006	0.011	0.025	0.003	0.	0.009	0.003	0.004	0.023	0.025

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	13	24.4	22.115	29.4	11.1	38.578	6.211	11.78	15.8	27.2	28.52
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	13	76.	71.846	85.	52.	125.308	11.194	53.2	60.5	81.	83.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	13	40.	163.462	500.	5.	43826.603	209.348	7.	20.	415.	500.
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	12	9.	8.792	10.5	6.5	2.294	1.514	6.65	7.	10.	10.5
00400	PH (STANDARD UNITS)	02/08/72-05/01/78	12	8.5	8.498	8.97	8.2	0.068	0.261	8.2	8.225	8.675	8.949
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-05/01/78	12	8.5	8.433	8.97	8.2	0.073	0.27	8.2	8.225	8.675	8.949
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-05/01/78	12	0.003	0.004	0.006	0.001	0.	0.002	0.001	0.002	0.006	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 box-and-whisker plot

Annual Analysis for 1974 - Station AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	10	24.15	22.61	28.9	12.8	32.821	5.729	13.13	16.925	27.8	28.79
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	10	75.5	72.7	84.	55.	106.233	10.307	55.6	62.5	82.	83.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	10	320.	280.5	500.	5.	47869.167	218.79	6.5	35.	500.	500.
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	9	8.	8.778	12.	7.	3.194	1.787	7.	7.5	10.5	12.
00400	PH (STANDARD UNITS)	02/08/72-05/01/78	9	7.9	7.844	8.3	7.5	0.08	0.283	7.5	7.55	8.05	8.3
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-05/01/78	9	7.9	7.767	8.3	7.5	0.087	0.295	7.5	7.55	8.05	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-05/01/78	9	0.013	0.017	0.032	0.005	0.	0.01	0.005	0.009	0.028	0.032

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	9	18.3	19.867	27.8	13.9	21.655	4.653	13.9	16.95	23.85	27.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	9	65.	67.778	82.	57.	69.944	8.363	57.	62.5	75.	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 1975 - Station AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	9	50.	85.556	480.	10.	22652.778	150.508	10.	10.	75.	480.
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	9	10.	10.1	13.	7.5	2.868	1.693	7.5	8.85	11.5	13.
00400	PH (STANDARD UNITS)	02/08/72-05/01/78	9	8.	7.956	8.5	7.2	0.15	0.388	7.2	7.7	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-05/01/78	9	8.	7.782	8.5	7.2	0.184	0.429	7.2	7.7	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-05/01/78	9	0.01	0.017	0.063	0.003	0.	0.019	0.003	0.006	0.02	0.063

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	4	21.2	21.775	28.	16.7	28.549	5.343	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	4	70.2	71.2	82.4	62.	93.12	9.65	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	4	197.5	186.75	340.	12.	19288.917	138.885	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	4	8.	8.075	9.6	6.7	2.076	1.441	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-05/01/78	4	8.	7.9	8.3	7.3	0.187	0.432	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-05/01/78	4	7.989	7.723	8.3	7.3	0.228	0.478	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-05/01/78	4	0.01	0.019	0.05	0.005	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 box-and-whisker plot

Annual Analysis for 1977 - Station AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	4	22.75	22.875	29.	17.	36.063	6.005	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	3	80.6	75.8	84.2	62.6	133.92	11.572	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	4	205.	217.5	450.	10.	33075.	181.865	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	4	7.75	7.925	9.2	7.	1.129	1.063	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-05/01/78	4	8.3	8.175	8.4	7.7	0.103	0.32	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-05/01/78	4	8.3	8.071	8.4	7.7	0.117	0.342	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-05/01/78	4	0.005	0.008	0.02	0.004	0.	0.008	**	**	**	**

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

Annual Analysis for 1978 - Station AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	2	15.	15.	19.	11.	32.	5.657	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	1	66.2	66.2	66.2	66.2	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	2	210.	210.	310.	110.	20000.	141.421	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	2	8.7	8.7	10.5	6.9	6.48	2.546	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-05/01/78	2	8.3	8.3	8.4	8.2	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-05/01/78	2	8.289	8.289	8.4	8.2	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-05/01/78	2	0.005	0.005	0.006	0.004	0.	0.002	**	**	**	**

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

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	19	27.2	26.621	29.	23.3	3.036	1.742	23.9	25.	27.8	28.9
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	19	81.	79.926	84.2	74.	9.739	3.121	75.	77.	82.	84.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	19	500.	392.368	600.	20.	31287.135	176.882	25.	300.	500.	500.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/08/72-05/01/78	14	835.	848.929	1075.	500.	28092.995	167.61	570.	750.	1007.5	1062.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/71-05/01/78	10	1121.5	1082.	1320.	775.	41091.556	202.711	778.3	895.75	1263.5	1315.4
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	19	7.	7.379	11.	2.5	2.84	1.685	6.5	6.7	8.	10.
00400	PH (STANDARD UNITS)	02/08/72-05/01/78	14	8.2	8.121	8.9	7.5	0.179	0.423	7.5	7.675	8.3	8.8
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-05/01/78	14	8.2	7.941	8.9	7.5	0.214	0.463	7.5	7.675	8.3	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-05/01/78	14	0.006	0.011	0.032	0.001	0.	0.011	0.002	0.005	0.021	0.032
00403	PH, LAB, STANDARD UNITS SU	10/21/71-05/01/78	10	7.95	7.95	8.3	7.7	0.036	0.19	7.7	7.775	8.1	8.28
00403	CONVERTED PH, LAB, STANDARD UNITS	10/21/71-05/01/78	10	7.947	7.914	8.3	7.7	0.038	0.194	7.7	7.775	8.1	8.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/71-05/01/78	10	0.011	0.012	0.02	0.005	0.	0.005	0.005	0.008	0.017	0.02
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-05/01/78	9	690.	2037.111	8200.	37.	7659076.861	2767.504	37.	72.5	3650.	8200.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/11/72-05/01/78	9	90.	135.	470.	10.	25669.	160.215	10.	15.	240.	470.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-05/01/78	9	0.1	0.102	0.2	0.02	0.002	0.045	0.02	0.1	0.1	0.2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-05/01/78	9	0.64	0.671	1.3	0.37	0.089	0.298	0.37	0.41	0.82	1.3
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-05/01/78	9	1.35	2.168	6.6	0.13	5.72	2.392	0.13	0.21	4.4	6.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-05/01/78	9	0.44	0.708	2.157	0.043	0.611	0.782	0.043	0.069	1.438	2.157
00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/71-05/01/78	11	53.	51.818	76.	25.	332.764	18.242	25.	37.	68.	75.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/71-05/01/78	10	229.	242.2	333.	80.	5790.844	76.098	92.3	206.	309.25	331.9
32230	CHLOROPHYLL A (MG/L)	04/11/72-05/01/78	7	0.006	0.006	0.011	0.002	0.	0.003	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	02/08/72-05/01/78	14	417.5	424.5	538.	250.	7031.962	83.857	285.	375.	503.75	531.5

** - 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 6/09 - Station AMIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/71-05/01/78	38	18.15	18.584	29.4	10.	25.072	5.007	11.09	15.3	21.65	26.19
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	10/21/71-05/01/78	36	64.7	65.856	85.	50.	80.788	8.988	54.1	60.25	73.	79.48
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/71-05/01/78	38	50.	126.737	999.	5.	37536.632	193.744	10.	14.25	157.5	351.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/08/72-05/01/78	34	1000.	1105.147	3500.	600.	239697.705	489.589	725.	895.	1200.	1500.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/71-05/01/78	20	1339.5	1280.2	1672.	824.	48369.642	219.931	955.	1123.5	1443.75	1527.4
00300	OXYGEN, DISSOLVED MG/L	10/21/71-05/01/78	36	9.1	9.086	13.	5.5	3.253	1.804	6.5	7.625	10.375	11.3
00400	PH (STANDARD UNITS)	02/08/72-05/01/78	35	8.2	8.119	8.97	7.2	0.154	0.393	7.6	7.9	8.4	8.54
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-05/01/78	35	8.2	7.933	8.97	7.2	0.19	0.436	7.6	7.9	8.4	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-05/01/78	35	0.006	0.012	0.063	0.001	0.	0.013	0.003	0.004	0.013	0.025
00403	PH, LAB, STANDARD UNITS SU	10/21/71-05/01/78	20	8.05	8.07	8.5	7.7	0.047	0.218	7.8	7.9	8.25	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/21/71-05/01/78	20	8.047	8.022	8.5	7.7	0.05	0.223	7.8	7.9	8.25	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/71-05/01/78	20	0.009	0.01	0.02	0.003	0.	0.004	0.004	0.006	0.013	0.016
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-05/01/78	17	164.	459.	4990.	9.	1392878.	1180.203	9.8	15.5	373.5	1435.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/11/72-05/01/78	16	12.5	42.625	360.	2.	7557.583	86.934	3.4	6.25	46.25	155.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-05/01/78	17	0.1	0.078	0.14	0.005	0.002	0.043	0.009	0.03	0.1	0.108
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-05/01/78	17	0.76	0.705	1.1	0.42	0.036	0.191	0.468	0.525	0.87	0.924
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-05/01/78	15	0.26	0.367	1.2	0.04	0.152	0.39	0.046	0.06	0.67	1.068
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-05/01/78	17	0.085	0.123	0.392	0.01	0.016	0.126	0.012	0.018	0.24	0.334
00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/71-05/01/78	20	85.	92.55	167.	27.	1644.05	40.547	46.3	61.25	126.	160.7
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/71-05/01/78	20	300.5	296.6	350.	208.	1386.358	37.234	238.	273.5	328.25	343.5
32230	CHLOROPHYLL A (MG/L)	04/11/72-05/01/78	16	0.004	0.006	0.02	0.002	0.	0.005	0.002	0.003	0.008	0.014
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	02/08/72-05/01/78	32	500.	555.781	1750.	300.	63607.273	252.205	357.5	442.5	600.	750.

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

Station Inventory for Station: AMIS0080

NPS Station ID: AMIS0080
LAT/LON: 29.775004/-101.616671
Agency: 21TEXWR
Date Created: 01/29/79
Location: RIO GRANDE R. AT FOSTER RANCH AB
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 23059908
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13040212
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: UPPER PECOS RIVER
ECO Region:
RF1 Index: 13040212016
RF1 Mile Point: 4.420
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 13040212001101.37
RF3 Mile Point: 1.76
Distance from RF3: 0.28
On/Off RF3:
Description:
DATA FROM TEXAS DEPARTMENT OF WATER RESOURCES SAMPLES ANALYZED FOR TOXICS
SAMPLE TAKEN FROM RIO GRANDE RIVER AT FOSTER RANCH ABOVE LANGTRY

Parameter Inventory for Station: AMIS0080

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: AMIS0081

NPS Station ID: AMIS0081 LAT/LON: 29.775004/-101.616671 Agency: 21TEXWR Date Created: 04/21/79
Location: RIO GRANDE RIVER AT FOSTER RANCH ABOVE LANGTRY FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 2306AB08
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13040212 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: UPPER PECOS RIVER ECO Region:
RF1 Index: 13040212016 RF1 Mile Point: 4.420 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 13070008000108.87 RF3 Mile Point: 11.14 Distance from RF3: 0.08 On/Off RF3:
Description:
DATA FROM TEXAS DEPARTMENT OF WATER RESOURCES SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM
RIO GRANDE RIVER AT FOSTER RANCH ABOVE LANGTRY

Parameter Inventory for Station: AMIS0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	04/01/73-04/01/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/01/73-04/01/73	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/01/73-04/01/73	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/01/73-04/01/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/01/73-04/01/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/01/73-04/01/73	1	50.	50.	50.	50.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/01/73-04/01/73	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: AMIS0081

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-6/09			n/a			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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	1	1.00				1	1	1.00						
		Drinking Water	5.	1	1	1.00				1	1	1.00						
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00				1	1	1.00						
		Drinking Water	1300.	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						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	1	1.00				1	1	1.00						
		Drinking Water	2.	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: AMIS0082

NPS Station ID: AMIS0082 | LAT/LON: 29.768059/-101.686115 | Agency: 11EPALES | Date Created: / /
Location: RIO GRANDE RIVER | FIPS State/County: 48000 TEXAS/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 4801A2
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 13040212 | Depth of Water: 0 | Aquifer:
Major Basin: T/AMISTAD LAKE | Elevation: 0 | Water Body Id:
Minor Basin: 0.5 MI S OF DIRT RD 11.5 MI SW LANGTRY | ECO Region:
RF1 Index: 13040212016 | RF1 Mile Point: 10.520 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
BANK SAMPLE 0.5 MI S OF DIRT RD 5.0 MI S OF JCT W MEMORIAL HWY US RT 90 11.5 MI SW OF LANGTRY

Parameter Inventory for Station: AMIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/74-08/07/75	13	0.025	0.036	0.12	0.003	0.001	0.032	0.005	0.018	0.041	0.104
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	3 ##	0.002	0.002	0.003	0.002	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/74-11/07/74	3	0.89	1.227	2.08	0.71	0.554	0.744	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/74-08/07/75	12	0.75	0.798	1.8	0.2	0.238	0.488	0.23	0.413	0.978	1.74
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/74-08/07/75	13	0.89	0.962	2.08	0.67	0.146	0.382	0.686	0.72	0.99	1.788
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/74-08/07/75	13	0.08	0.273	1.35	0.005	0.161	0.401	0.007	0.02	0.455	1.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/08/74-08/07/75	12	0.013	0.013	0.035	0.003	0.	0.01	0.003	0.004	0.019	0.032

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

EPA Water Quality Criteria Analysis for Station: AMIS0082

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-6/09----------			----------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.	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	4	0	0.00	9	0	0.00						

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

Station Inventory for Station: AMIS0083

NPS Station ID: AMIS0083
LAT/LON: 29.780560/-101.755559
Agency: 21TXWQB
Date Created: 07/23/94
Location: RIO GRNADE AT FOSTER RANCH
FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 13223 /2306.0100 /2306.1000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13040212
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: Rio Grande River Basin
ECO Region: 24M
RF1 Index: 13040212
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 13040302001116.18
RF3 Mile Point: 16.18
Distance from RF3: 0.00
On/Off RF3:
Description:
RIO GRANDE AT FOSTER RANCH WEST OF LANGTRY OFF OF HWY 90 W

Parameter Inventory for Station: AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	141	23.	21.67	31.	10.	32.906	5.736	13.5	17.	27.	28.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	94	72.	70.7	88.	50.	105.597	10.276	56.	62.	80.15	82.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-08/25/92	83	1260.	2155.747	13000.	2.	5237219.264	2288.497	526.	807.	2680.	4920.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	91	117.	241.61	2200.	2.5	89592.138	299.319	10.	25.	500.	500.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/07/81-08/25/92	45	230.	638.584	6600.	0.3	1630813.896	1277.033	13.16	53.5	495.	1760.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/08/72-06/25/86	55	990.	1029.364	3500.	500.	166210.236	407.689	730.	850.	1100.	1340.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/68-08/25/92	115	1220.	1174.678	1840.	316.	86823.08	294.658	817.6	965.	1376.	1580.
00300p	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	139	8.6	8.324	13.	2.5	3.259	1.805	6.	7.	9.5	10.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/07/81-02/02/83	8	95.5	97.5	118.	85.	153.429	12.387	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/68-08/25/92	89	1.8	2.804	20.	0.25	10.988	3.315	0.6	1.	2.85	6.5
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/73-11/27/78	3	5690.	10433.333	21700.	3910.	95995433.333	9797.726	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	06/09/75-08/17/76	2	2530.	2530.	2820.	2240.	168200.	410.122	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	101	8.1	8.052	8.97	7.2	0.13	0.36	7.6	7.8	8.3	8.48
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	101	8.1	7.904	8.97	7.2	0.152	0.39	7.6	7.8	8.3	8.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	101	0.008	0.012	0.063	0.001	0.	0.011	0.003	0.005	0.016	0.025
00403	PH, LAB, STANDARD UNITS SU	09/11/68-06/25/86	69	8.	7.98	8.5	7.5	0.051	0.227	7.7	7.8	8.1	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/68-06/25/86	69	8.	7.922	8.5	7.5	0.055	0.234	7.7	7.8	8.1	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/68-06/25/86	69	0.01	0.012	0.032	0.003	0.	0.006	0.005	0.008	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-05/22/91	50	157.5	181.78	1121.	78.	23611.808	153.661	120.6	134.75	170.25	206.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-06/25/86	33	193.	1450.939	10260.	5.	7660136.371	2767.695	11.6	37.	1090.	6916.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/11/72-06/25/86	32	24.	107.781	640.	2.	32487.725	180.244	4.6	7.75	100.5	437.
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	11/07/77-11/27/78	2	340.	340.	410.	270.	9800.	98.995	**	**	**	**
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/04/73-08/17/76	3	140.	168.333	280.	85.	10108.333	100.54	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/07/81-08/25/92	46	0.03	0.037	0.24	0.005	0.002	0.039	0.005	0.01	0.04	0.073
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-08/25/92	60 ##	0.045	0.042	0.2	0.005	0.001	0.035	0.01	0.02	0.05	0.059
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-08/25/92	27 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.006
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/07/90-08/25/92	8 ##	0.013	0.019	0.05	0.005	0.	0.017	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-06/25/86	33	0.76	0.73	1.3	0.37	0.056	0.237	0.42	0.525	0.87	1.1
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/21/91-08/21/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/07/81-08/25/92	45	0.7	1.129	5.5	0.1	1.506	1.227	0.3	0.47	1.	2.74
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/73-11/27/78	5	170.	320.8	1000.	84.	148473.2	385.322	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/07/90-08/25/92	8	0.77	0.798	1.3	0.24	0.103	0.321	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/07/81-08/25/92	46	0.8	0.755	1.3	0.05	0.086	0.293	0.37	0.5	1.	1.2
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-08/20/79	32	0.27	0.866	6.6	0.04	2.256	1.502	0.053	0.083	0.898	3.352
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-02/02/83	31	0.03	0.061	0.24	0.015	0.003	0.058	0.015	0.015	0.09	0.148
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-08/25/92	78	0.09	0.415	5.8	0.005	0.923	0.961	0.02	0.03	0.268	1.336

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

Parameter Inventory for Station: AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/07/81-08/25/92	46	0.01	0.019	0.1	0.005	0.	0.021	0.005	0.005	0.03	0.046
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/73-11/27/78	5	620.	798.	1200.	430.	139220.	373.122	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-08/25/92	72	0.01	0.02	0.27	0.005	0.001	0.035	0.005	0.005	0.02	0.047
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/01/74-11/27/78	12	6.5	18.083	99.	2.	844.992	29.069	2.3	5.	11.75	85.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/07/81-02/02/83	8	265.	278.75	350.	210.	2212.5	47.037	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/25/92	46	86.	86.739	110.	58.	189.442	13.764	68.	74.	98.25	110.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/25/92	46	18.	17.58	27.	7.4	32.513	5.702	9.04	13.	22.	26.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/25/92	46	155.	152.	240.	78.	1992.889	44.642	97.2	110.	192.5	210.
00931	SODIUM ADSORPTION RATIO	10/07/81-02/02/83	8	3.5	3.6	4.4	3.1	0.286	0.535	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/25/92	46	6.15	6.189	8.3	3.2	0.887	0.942	5.17	5.6	6.8	7.5
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/68-08/25/92	116	74.5	87.509	250.	3.	2967.313	54.473	27.7	45.25	120.	180.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/08/72-08/17/76	41	75.	132.537	1000.	10.	37823.005	194.481	31.	55.	137.5	180.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/68-08/25/92	107	290.	277.673	410.	31.	5821.26	76.297	178.4	230.	330.	370.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/25/92	46	1.25	1.22	1.8	0.1	0.11	0.331	0.8	1.	1.4	1.7
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/25/92	46	21.	20.783	29.	13.	14.707	3.835	15.	18.	23.	26.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/07/81-08/21/91	39	7.	7.487	15.	2.	10.572	3.251	3.	5.	10.	12.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/07/81-08/04/82	4	8.	13.75	31.	8.	132.25	11.5	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/73-11/27/78	5	3.2	13.28	49.	2.5	406.317	20.157	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/07/81-08/25/92	43	85.	90.279	150.	61.	369.492	19.222	71.	76.	100.	120.
01007	BARIUM, TOTAL (UG/L AS BA)	10/07/81-08/04/82	4	350.	887.5	2800.	50.	1687291.667	1298.958	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/21/91	35 ##	0.25	0.431	2.	0.25	0.218	0.467	0.25	0.25	0.25	1.12
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/07/81-08/21/91	39 ##	0.5	0.705	3.	0.5	0.365	0.604	0.5	0.5	0.5	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/07/81-08/04/82	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/27/78	5 ##	0.25	0.31	0.5	0.25	0.012	0.108	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/27/78	5	7.1	7.3	8.6	6.	0.985	0.992	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/07/81-08/21/91	39 ##	0.5	1.167	10.	0.	3.254	1.804	0.5	0.5	1.	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/07/81-08/04/82	4 ##	7.5	40.	140.	5.	4450.	66.708	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	10/07/81-08/25/92	43 ##	1.5	1.453	1.5	0.5	0.045	0.213	1.5	1.5	1.5	1.5
01037	COBALT, TOTAL (UG/L AS CO)	10/07/81-08/04/82	4	9.	23.375	75.	0.5	1243.229	35.259	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/07/81-08/21/91	39	1.	1.795	7.	0.5	2.378	1.542	0.5	1.	2.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/07/81-08/04/82	4	23.	44.75	130.	3.	3414.917	58.437	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/73-11/27/78	5	15.	13.	18.	5.	29.5	5.431	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/07/81-08/04/82	4	7000.	12687.5	36000.	750.	274223958.333	16559.709	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/07/81-08/25/92	43	9.	16.233	80.	1.5	397.576	19.939	1.5	4.	17.	52.6
01049	LEAD, DISSOLVED (UG/L AS PB)	10/07/81-08/21/91	39 ##	1.	1.872	8.	0.5	3.102	1.761	0.5	0.5	2.5	5.
01051	LEAD, TOTAL (UG/L AS PB)	10/07/81-08/04/82	4	12.5	37.	120.	3.	3102.	55.696	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/73-11/27/78	5	7.3	7.98	11.	7.	2.872	1.695	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/73-11/27/78	5	160.	198.2	420.	21.	21531.2	146.735	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/07/81-08/04/82	4	670.	1345.	4000.	40.	3485700.	1867.003	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/07/81-08/25/92	43	1.	1.837	8.	0.5	2.711	1.647	0.5	0.5	3.	4.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-08/25/92	39 ##	5.	7.308	20.	5.	18.219	4.268	5.	5.	10.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/07/81-08/25/92	43	1.	2.953	45.	0.5	49.974	7.069	0.5	0.5	2.	4.6
01067	NICKEL, TOTAL (UG/L AS NI)	10/07/81-08/04/82	4	43.5	67.5	180.	3.	6077.667	77.959	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/73-11/27/78	5	13.	13.12	20.	6.6	26.972	5.193	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/07/81-08/25/92	43 ##	0.5	0.547	2.	0.	0.069	0.263	0.5	0.5	0.5	0.5
01077	SILVER, TOTAL (UG/L AS AG)	10/07/81-08/04/82	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/73-11/27/78	5	1.2	1.14	1.2	1.	0.008	0.089	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/27/82-08/25/92	39	1700.	1609.231	2200.	860.	114059.919	337.728	1100.	1300.	1900.	2000.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-08/25/92	39	9.	8.205	16.	3.	13.062	3.614	3.	6.	11.	13.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/07/81-08/21/91	39	7.	15.	70.	1.5	317.197	17.81	1.5	1.5	22.	46.
01092	ZINC, TOTAL (UG/L AS ZN)	10/07/81-08/04/82	4	125.	247.5	720.	20.	103691.667	322.012	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/73-11/27/78	5	43.	39.	46.	29.	56.5	7.517	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-08/25/92	39 ##	5.	22.051	200.	5.	1282.524	35.812	5.	5.	20.	60.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/27/82-08/25/92	39	87.	84.436	120.	39.	546.621	23.38	48.	58.	100.	110.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/07/81-08/25/92	42	1.	1.202	3.	0.5	0.379	0.615	0.5	1.	2.	2.
01147	SELENIUM, TOTAL (UG/L AS SE)	10/07/81-08/04/82	4	1.	2.25	6.	1.	6.25	2.5	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/07/77-11/27/78	2 ##	0.295	0.295	0.34	0.25	0.004	0.064	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/09/74-07/09/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/09/74-07/09/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/15/72-06/06/73	6	950.	2173.	6000.	18.	7147270.	2673.438	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/15/72-06/06/73	6	2.722	2.709	3.778	1.255	1.034	1.017	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			512.123								

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

Parameter Inventory for Station: AMIS0083

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	09/10/74-08/20/79	19	16.	1138.947	18000.	4.	16881280.053	4108.683	5.	5.	172.	2000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/74-08/20/79	19	1.204	1.651	4.255	0.602	1.118	1.057	0.699	0.699	2.236	3.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			44.813								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/25/92	46	215.	795.217	4400.	3.	1492117.418	1221.523	6.7	31.5	785.	3300.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/25/92	46	2.332	2.236	3.643	0.477	0.803	0.896	0.825	1.498	2.885	3.519
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			172.342								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/25/92	46	390.	995.391	6200.	6.	2078075.443	1441.553	24.7	49.	1225.	3320.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/25/92	46	2.591	2.418	3.792	0.778	0.68	0.824	1.393	1.688	3.051	3.52
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			262.033								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/11/72-08/20/79	29	4.	5.759	17.	2.	19.475	4.413	2.	2.	9.5	12.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/08/76-08/20/79	12 ##	2.	1.667	3.	0.	0.788	0.888	0.	1.25	2.	2.7
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/08/89-08/25/92	12	152.5	150.167	176.	109.	398.152	19.954	114.7	138.5	166.75	176.
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	02/03/82-06/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	10/07/81-06/09/82	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-06/09/82	3 ##	0.05	0.183	0.5	0.	0.076	0.275	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/27/78-11/27/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/27/78-11/27/78	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/27/78-11/27/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/27/78-11/27/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/27/78-11/27/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	12/10/74-06/09/82	3 ##	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/27/78-06/09/82	3 ##	0.5	3.5	10.	0.	31.75	5.635	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/27/78-11/27/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	11/27/78-11/27/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/27/78-11/27/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/10/74-12/10/74	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/27/78-11/27/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/25/92	53	801.	802.17	1150.	443.	31274.028	176.845	572.8	651.	934.	1070.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/07/81-02/02/83	8	666.5	720.5	932.	575.	15226.286	123.395	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/81-08/25/92	45	98.	90.6	100.	49.	194.927	13.962	63.2	86.5	100.	100.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/07/90-08/25/92	8	0.02	0.029	0.11	0.005	0.001	0.035	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/07/81-08/21/91	39 ##	0.05	0.054	0.2	0.	0.001	0.027	0.05	0.05	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	08/17/76-08/04/82	5	0.1	0.26	0.8	0.1	0.093	0.305	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/73-11/27/78	5	0.02	0.026	0.06	0.01	0.	0.021	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/07/81-08/25/92	45	522.	1789.667	15700.	39.	10204071.273	3194.381	72.4	158.5	1790.	4652.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/07/81-08/04/82	6	621.5	47254.5	260000.	136.10	936523260.7	104577.834	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/12/83-10/12/83	1	84.	84.	84.	84.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	90 &	59	0.66	31	28	0.90	59	31	0.53						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	45	35	0.78	17	14	0.82	28	21	0.75						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	139	2	0.01	53	2	0.04	86	0	0.00						
00400	PH	Other-Hi Lim.	9.	101	0	0.00	35	0	0.00	66	0	0.00						
		Other-Lo Lim.	6.5	101	0	0.00	35	0	0.00	66	0	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: AMIS0083

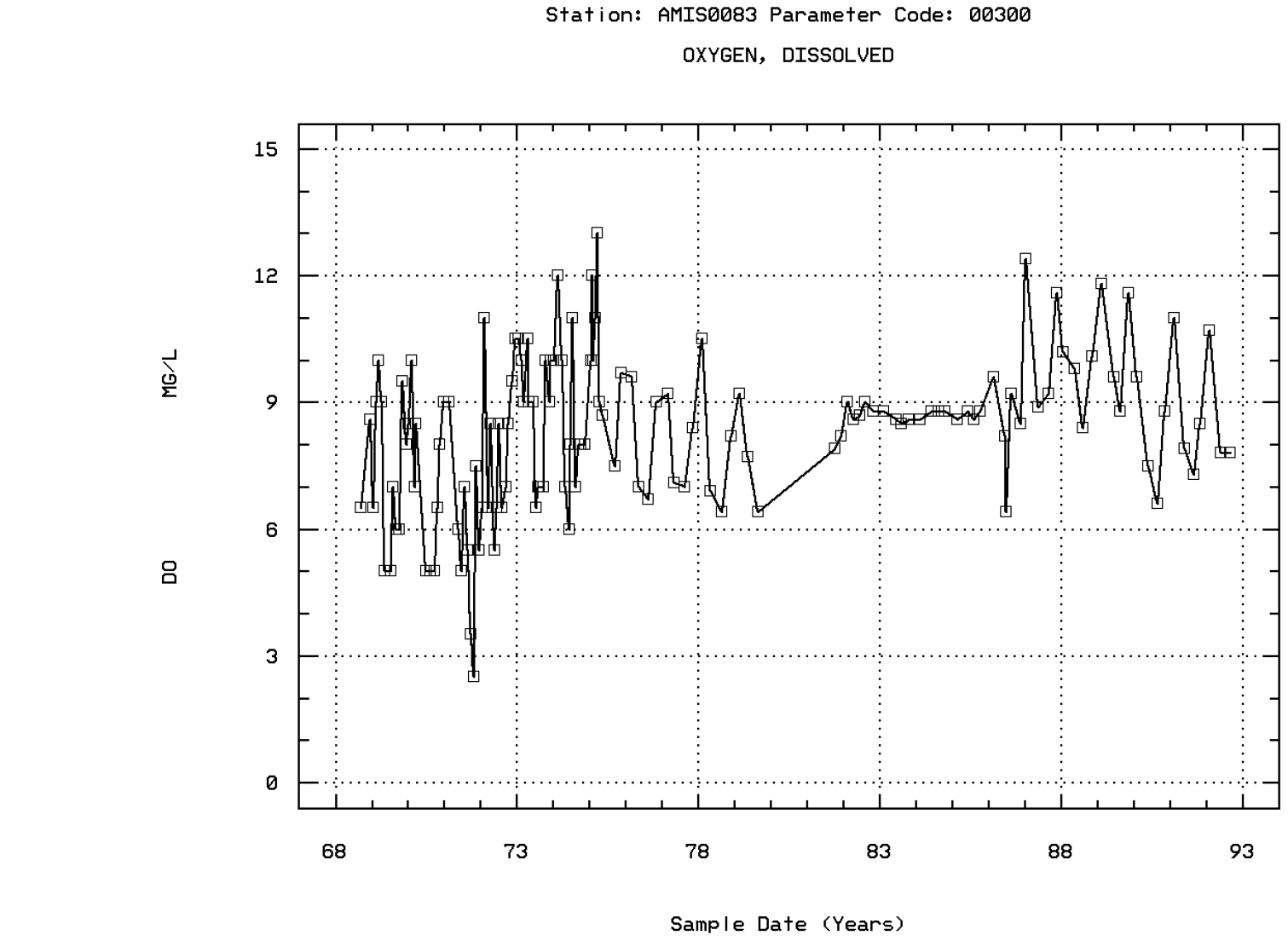
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Other-Hi Lim.	9.	69	0	0.00	26	0	0.00	43	0	0.00						
		Other-Lo Lim.	6.5	69	0	0.00	26	0	0.00	43	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	27	0	0.00	9	0	0.00	18	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	8	0	0.00	3	0	0.00	5	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	33	0	0.00	12	0	0.00	21	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	3	0	0.00	5	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	46	0	0.00	18	0	0.00	28	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	116	0	0.00	45	0	0.00	71	0	0.00						
		Drinking Water	250.	116	1	0.01	45	0	0.00	71	1	0.01						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	41	1	0.02	12	0	0.00	29	1	0.03						
		Drinking Water	250.	41	3	0.07	12	0	0.00	29	3	0.10						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	107	75	0.70	41	20	0.49	66	55	0.83						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	46	0	0.00	18	0	0.00	28	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	50.	39	0	0.00	15	0	0.00	24	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	43	0	0.00	17	0	0.00	26	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	4	1	0.25	2	1	0.50	2	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	35	0	0.00	13	0	0.00	22	0	0.00						
		Drinking Water	4.	35	0	0.00	13	0	0.00	22	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	5.	39	0	0.00	15	0	0.00	24	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4	0	0.00	2	0	0.00	2	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	39	0	0.00	15	0	0.00	24	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	1	0.25	2	1	0.50	2	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	1300.	39	0	0.00	15	0	0.00	24	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	4	2	0.50	2	1	0.50	2	1	0.50						
		Drinking Water	1300.	4	0	0.00	2	0	0.00	2	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	15.	39	0	0.00	15	0	0.00	24	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	4	1	0.25	2	1	0.50	2	0	0.00						
		Drinking Water	15.	4	2	0.50	2	1	0.50	2	1	0.50						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	43	0	0.00	17	0	0.00	26	0	0.00						
		Drinking Water	100.	43	0	0.00	17	0	0.00	26	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	1	0.25	2	1	0.50	2	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	43	0	0.00	17	0	0.00	26	0	0.00						
		Drinking Water	100.	43	0	0.00	17	0	0.00	26	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	5000.	39	0	0.00	15	0	0.00	24	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	4	2	0.50	2	1	0.50	2	1	0.50						
		Drinking Water	5000.	4	0	0.00	2	0	0.00	2	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	42	0	0.00	16	0	0.00	26	0	0.00						
		Drinking Water	50.	42	0	0.00	16	0	0.00	26	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						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	3	0.50	2	2	1.00	4	1	0.25						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	19	4	0.21	5	3	0.60	14	1	0.07						
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	46	25	0.54	18	13	0.72	28	12	0.43						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00				2	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						

& - 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: AMIS0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
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												
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						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	39	0	0.00	15	0	0.00	24	0	0.00						
		Drinking Water	2.	39	0	0.00	15	0	0.00	24	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	3	0	0.00	2	0	0.00						
		Drinking Water	2.	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



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Annual Analysis for 1968 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	2	24.5	24.5	28.	21.	24.5	4.95	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	2	76.	76.	82.	70.	72.	8.485	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	2	7.55	7.55	8.6	6.5	2.205	1.485	**	**	**	**

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

Annual Analysis for 1969 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	11	23.	22.182	31.	15.	38.964	6.242	15.2	16.	28.	30.6
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	11	73.	71.636	88.	59.	125.455	11.201	59.2	61.	82.	87.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	11	200.	243.	500.	20.	36659.	191.465	21.	70.	500.	500.
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	11	7.	7.364	10.	5.	3.305	1.818	5.	6.	9.	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

Annual Analysis for 1970 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	11	18.	20.182	31.	10.	41.964	6.478	10.6	16.	26.	30.6
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	11	65.	68.182	88.	50.	134.564	11.6	51.2	60.	78.	87.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	10	287.5	278.	500.	10.	45778.889	213.96	10.5	63.75	500.	500.
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	10	7.5	7.25	10.	5.	3.347	1.83	5.	5.	8.625	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

Annual Analysis for 1971 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	9	23.3	22.378	28.	10.	34.027	5.833	10.	19.05	27.	28.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	9	74.	72.111	82.	50.	108.611	10.422	50.	66.	80.	82.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	8	130.	216.25	600.	20.	50512.5	224.75	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	9	5.5	5.722	9.	2.5	3.944	1.986	2.5	4.25	7.25	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 1972 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	12	24.4	21.383	28.9	10.6	34.256	5.853	11.41	16.275	25.975	28.06
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	12	76.	70.5	84.	51.	111.364	10.553	52.5	61.25	78.75	82.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	12	287.5	306.167	999.	15.	94033.606	306.649	15.	30.	500.	849.3
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	12	7.75	7.917	11.	5.5	3.129	1.769	5.8	6.5	9.25	10.85
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	9	8.2	8.089	8.6	7.6	0.146	0.382	7.6	7.65	8.4	8.6
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	9	8.2	7.945	8.6	7.6	0.169	0.412	7.6	7.65	8.4	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	9	0.006	0.011	0.025	0.003	0.	0.009	0.003	0.004	0.023	0.025

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	13	24.4	22.115	29.4	11.1	38.578	6.211	11.78	15.8	27.2	28.52
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	13	76.	71.846	85.	52.	125.308	11.194	53.2	60.5	81.	83.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	13	40.	163.462	500.	5.	43826.603	209.348	7.	20.	415.	500.
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	13	9.	8.808	10.5	6.5	2.106	1.451	6.7	7.	10.	10.5
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	12	8.5	8.498	8.97	8.2	0.068	0.261	8.2	8.225	8.675	8.949
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	12	8.5	8.433	8.97	8.2	0.073	0.27	8.2	8.225	8.675	8.949
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	12	0.003	0.004	0.006	0.001	0.	0.002	0.001	0.002	0.006	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 box-and-whisker plot

Annual Analysis for 1974 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	12	24.15	22.175	28.9	12.	39.522	6.287	12.24	16.375	27.8	28.63
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	12	75.5	71.917	84.	54.	125.902	11.221	54.3	61.5	82.	83.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	12	320.	275.625	500.	2.5	50545.597	224.823	3.25	25.	500.	500.
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	11	8.	8.636	12.	6.	3.455	1.859	6.2	7.	10.	11.8
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	10	7.95	7.88	8.3	7.5	0.084	0.29	7.5	7.575	8.125	8.29
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	10	7.947	7.795	8.3	7.5	0.092	0.303	7.5	7.575	8.125	8.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	10	0.011	0.016	0.032	0.005	0.	0.01	0.005	0.008	0.027	0.032

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	9	18.3	19.867	27.8	13.9	21.655	4.653	13.9	16.95	23.85	27.8
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	9	65.	67.778	82.	57.	69.944	8.363	57.	62.5	75.	82.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	9	50.	85.556	480.	10.	22652.778	150.508	10.	10.	75.	480.
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	9	10.	10.1	13.	7.5	2.868	1.693	7.5	8.85	11.5	13.
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	9	8.	7.956	8.5	7.2	0.15	0.388	7.2	7.7	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	9	8.	7.782	8.5	7.2	0.184	0.429	7.2	7.7	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	9	0.01	0.017	0.063	0.003	0.	0.019	0.003	0.006	0.02	0.063

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	4	21.2	21.775	28.	16.7	28.549	5.343	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	4	70.2	71.2	82.4	62.	93.12	9.65	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	4	197.5	186.75	340.	12.	19288.917	138.885	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	4	8.	8.075	9.6	6.7	2.076	1.441	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.	7.9	8.3	7.3	0.187	0.432	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	4	7.989	7.723	8.3	7.3	0.228	0.478	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	4	0.01	0.019	0.05	0.005	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 box-and-whisker plot

Annual Analysis for 1977 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	4	22.75	22.875	29.	17.	36.063	6.005	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	4	72.95	73.175	84.2	62.6	116.843	10.809	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	4	205.	217.5	450.	10.	33075.	181.865	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	4	7.75	7.925	9.2	7.	1.129	1.063	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.3	8.175	8.4	7.7	0.103	0.32	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.3	8.071	8.4	7.7	0.117	0.342	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	4	0.005	0.008	0.02	0.004	0.	0.008	**	**	**	**

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

Annual Analysis for 1978 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	4	19.	19.25	28.	11.	48.25	6.946	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	4	66.	66.5	82.	52.	150.333	12.261	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	4	213.5	684.25	2200.	110.	1029698.917	1014.741	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	4	7.55	8.	10.5	6.4	3.353	1.831	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.3	8.2	8.4	7.8	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.289	8.123	8.4	7.8	0.088	0.296	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	4	0.005	0.008	0.016	0.004	0.	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 box-and-whisker plot

Annual Analysis for 1979 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	3	23.	21.167	25.	15.5	25.083	5.008	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	3	73.4	70.1	77.	59.9	81.27	9.015	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	3	30.	183.333	500.	20.	75233.333	274.287	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	3	7.7	7.767	9.2	6.4	1.963	1.401	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	2	8.15	8.15	8.4	7.9	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	2	8.082	8.082	8.4	7.9	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	2	0.008	0.008	0.013	0.004	0.	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 box-and-whisker plot

Annual Analysis for 1981 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	2	19.25	19.25	23.	15.5	28.125	5.303	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	2	8.05	8.05	8.2	7.9	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	2	7.75	7.75	7.8	7.7	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	2	7.747	7.747	7.8	7.7	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	2	0.018	0.018	0.02	0.016	0.	0.003	**	**	**	**

** - 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

Annual Analysis for 1982 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	5	21.	21.2	28.	12.	43.7	6.611	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	5	8.8	8.82	9.	8.6	0.032	0.179	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	5	7.8	7.82	7.9	7.8	0.002	0.045	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	5	7.8	7.818	7.9	7.8	0.002	0.045	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	5	0.016	0.015	0.016	0.013	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	4	24.5	22.75	28.	14.	38.25	6.185	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	4	8.6	8.625	8.8	8.5	0.016	0.126	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	4	7.55	7.525	7.7	7.3	0.029	0.171	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	4	7.547	7.499	7.7	7.3	0.03	0.173	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	4	0.028	0.032	0.05	0.02	0.	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 box-and-whisker plot

Annual Analysis for 1984 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	4	24.5	22.625	27.5	14.	39.229	6.263	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	4	8.8	8.75	8.8	8.6	0.01	0.1	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	4	7.6	7.6	7.8	7.4	0.027	0.163	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	4	7.6	7.577	7.8	7.4	0.027	0.165	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	4	0.025	0.026	0.04	0.016	0.	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 box-and-whisker plot

Annual Analysis for 1985 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	4	25.	22.875	28.	13.5	43.729	6.613	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	4	8.7	8.7	8.8	8.6	0.013	0.115	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.05	7.95	8.2	7.5	0.097	0.311	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.047	7.855	8.2	7.5	0.109	0.33	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	4	0.009	0.014	0.032	0.006	0.	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 box-and-whisker plot

Annual Analysis for 1986 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	5	26.5	23.7	28.	18.	22.95	4.791	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	5	8.5	8.38	9.6	6.4	1.532	1.238	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	5	7.9	7.86	8.	7.6	0.028	0.167	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	5	7.9	7.832	8.	7.6	0.029	0.17	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	5	0.013	0.015	0.025	0.01	0.	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 box-and-whisker plot

Annual Analysis for 1987 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	4	20.25	20.75	28.	14.5	45.75	6.764	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	4	10.4	10.525	12.4	8.9	3.023	1.739	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.15	8.025	8.3	7.5	0.143	0.377	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.125	7.889	8.3	7.5	0.167	0.409	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	4	0.008	0.013	0.032	0.005	0.	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 box-and-whisker plot

Annual Analysis for 1988 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	4	23.5	21.75	28.	12.	48.25	6.946	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	4	9.95	9.625	10.2	8.4	0.696	0.834	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.25	8.25	8.3	8.2	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.247	8.247	8.3	8.2	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	4	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	4	23.25	21.25	28.5	10.	71.75	8.471	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	4	10.6	10.45	11.8	8.8	2.197	1.482	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.25	8.15	8.4	7.7	0.097	0.311	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.247	8.055	8.4	7.7	0.109	0.33	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	4	0.006	0.009	0.02	0.004	0.	0.007	**	**	**	**

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

Annual Analysis for 1990 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	4	22.25	21.625	28.5	13.5	53.063	7.284	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	4	8.15	8.125	9.6	6.6	1.783	1.335	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.2	8.175	8.4	7.9	0.042	0.206	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.2	8.137	8.4	7.9	0.044	0.211	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	4	0.006	0.007	0.013	0.004	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	4	23.5	22.5	28.	15.	30.167	5.492	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	4	8.2	8.675	11.	7.3	2.643	1.626	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.25	8.25	8.4	8.1	0.017	0.129	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	4	8.247	8.236	8.4	8.1	0.017	0.13	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	4	0.006	0.006	0.008	0.004	0.	0.002	**	**	**	**

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

Annual Analysis for 1992 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	3	24.	21.167	26.	13.5	45.083	6.714	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	3	7.8	8.767	10.7	7.8	2.803	1.674	**	**	**	**
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	3	8.4	8.367	8.4	8.3	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	3	8.4	8.364	8.4	8.3	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	3	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed 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: 6/10 to 10/31 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	53	27.2	26.392	31.	18.	6.708	2.59	22.7	24.7	28.	28.96
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	34	81.	79.988	88.	69.	18.133	4.258	73.5	77.	82.1	84.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-08/25/92	28	2069.5	3164.643	13000.	473.	9397653.868	3065.559	777.7	1149.25	3235.5	8949.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	32	500.	450.156	2200.	20.	127897.555	357.628	57.	306.25	500.	500.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/07/81-08/25/92	17	400.	1243.053	6600.	0.3	3647212.963	1909.768	2.14	60.	1700.	5320.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/08/72-06/25/86	17	850.	879.118	1150.	500.	28931.985	170.094	612.	755.	1015.	1090.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/68-08/25/92	44	994.	1042.841	1620.	474.	70377.253	265.287	708.	851.	1243.	1391.
00300p	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	53	7.	7.249	11.	2.5	2.562	1.601	5.	6.45	8.5	8.92
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/11/68-08/25/92	36	2.	3.436	20.	0.5	17.733	4.211	0.91	1.025	4.	7.24
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	35	8.	7.997	8.9	7.4	0.131	0.363	7.5	7.7	8.3	8.34
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	35	8.	7.863	8.9	7.4	0.15	0.387	7.5	7.7	8.3	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	35	0.01	0.014	0.04	0.001	0.	0.011	0.005	0.005	0.02	0.032
00403	PH, LAB, STANDARD UNITS SU	09/11/68-06/25/86	26	7.9	7.873	8.3	7.5	0.039	0.197	7.6	7.7	8.	8.16
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/68-06/25/86	26	7.9	7.832	8.3	7.5	0.041	0.201	7.6	7.7	8.	8.16
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/68-06/25/86	26	0.013	0.015	0.032	0.005	0.	0.006	0.007	0.01	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-05/22/91	18	144.	214.778	1121.	78.	65292.065	255.523	97.8	122.	158.25	677.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-06/25/86	12	1869.	3314.333	10260.	37.	14260849.879	3776.354	45.1	178.75	7300.	9861.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/11/72-06/25/86	12	132.	225.917	640.	10.	56615.72	237.941	10.	22.75	432.5	640.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/07/81-08/25/92	18	0.03	0.048	0.24	0.005	0.003	0.054	0.01	0.02	0.06	0.114
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-08/25/92	21	0.05	0.047	0.2	0.005	0.002	0.044	0.01	0.02	0.05	0.112
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-08/25/92	9 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-06/25/86	12	0.66	0.688	1.3	0.37	0.07	0.265	0.379	0.44	0.84	1.186
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/07/81-08/25/92	17	0.8	1.359	5.5	0.1	2.473	1.572	0.26	0.45	1.45	5.18
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/07/81-08/25/92	18	0.9	0.878	1.3	0.3	0.092	0.304	0.39	0.725	1.125	1.21
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-08/20/79	11	0.9	1.866	6.6	0.12	5.056	2.249	0.122	0.2	4.	6.24
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-02/02/83	9	0.03	0.074	0.24	0.015	0.005	0.074	0.015	0.023	0.11	0.24
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-08/25/92	30	0.185	0.839	5.8	0.02	2.001	1.414	0.04	0.068	0.8	2.94
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/07/81-08/25/92	18	0.02	0.026	0.1	0.005	0.001	0.024	0.005	0.01	0.03	0.073
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-08/25/92	26	0.01	0.028	0.27	0.005	0.003	0.053	0.005	0.005	0.03	0.073
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/25/92	18	79.	81.444	110.	58.	253.438	15.92	61.6	68.75	93.25	110.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/25/92	18	14.5	14.372	24.	7.4	24.722	4.972	7.67	9.05	18.	21.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/25/92	18	115.	127.889	210.	78.	1762.575	41.983	78.9	97.5	152.5	201.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/25/92	18	6.	6.039	8.3	3.2	1.545	1.243	4.19	5.475	6.8	8.21
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/11/68-08/25/92	45	56.	63.022	200.	3.	1956.977	44.238	18.8	33.	75.5	129.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/11/68-08/25/92	41	249.	249.39	400.	69.	6119.394	78.227	157.2	201.5	299.5	346.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/25/92	18	1.15	1.144	1.8	0.1	0.141	0.376	0.73	0.975	1.425	1.53
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/25/92	18	21.	21.111	29.	15.	13.752	3.708	15.9	17.75	23.	27.2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/07/81-08/21/91	15	7.	6.8	12.	2.	9.029	3.005	2.6	4.	9.	11.4
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/07/81-08/25/92	17	89.	93.176	140.	61.	435.154	20.86	65.8	79.5	110.	124.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/21/91	13 ##	0.25	0.562	2.	0.25	0.329	0.574	0.25	0.25	0.6	1.84
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/07/81-08/21/91	15 ##	0.5	0.7	3.	0.5	0.421	0.649	0.5	0.5	0.5	1.8
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/07/81-08/21/91	15 ##	0.5	0.9	5.	0.	1.471	1.213	0.3	0.5	0.5	3.2
01035	COBALT, DISSOLVED (UG/L AS CO)	10/07/81-08/25/92	17 ##	1.5	1.441	1.5	0.5	0.059	0.243	1.3	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	10/07/81-08/21/91	15	2.	2.2	7.	0.5	3.1	1.761	0.5	0.5	2.	5.8
01046	IRON, DISSOLVED (UG/L AS FE)	10/07/81-08/25/92	17	12.	21.353	80.	1.5	480.336	21.917	1.5	8.	34.	61.6
01049	LEAD, DISSOLVED (UG/L AS PB)	10/07/81-08/21/91	15 ##	1.	1.867	8.	0.5	4.231	2.057	0.5	0.5	2.5	5.6
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/07/81-08/25/92	17	1.	1.559	5.	0.5	1.965	1.402	0.5	0.5	2.5	4.2
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-08/25/92	15 ##	5.	5.667	10.	5.	3.095	1.759	5.	5.	5.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/07/81-08/25/92	17	1.	4.853	45.	0.5	120.555	10.98	0.5	0.5	3.	21.8
01075	SILVER, DISSOLVED (UG/L AS AG)	10/07/81-08/25/92	17 ##	0.5	0.471	0.5	0.	0.015	0.121	0.4	0.5	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/27/82-08/25/92	15	1500.	1477.333	2000.	860.	127992.381	357.76	944.	1100.	1800.	1940.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-08/25/92	15	9.	9.267	16.	3.	12.781	3.575	3.	7.	12.	14.2
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/07/81-08/21/91	15	11.	19.767	62.	1.5	367.424	19.168	1.5	6.	30.	57.8
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-08/25/92	15	20.	24.	100.	5.	729.286	27.005	5.	5.	30.	76.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/27/82-08/25/92	15	74.	69.867	96.	44.	336.552	18.345	45.2	53.	86.	93.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/07/81-08/25/92	16	1.	1.438	3.	0.5	0.496	0.704	0.5	1.	2.	2.3
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/25/92	18	330.	1404.222	4400.	18.	2666236.183	1632.861	18.	74.5	3300.	4040.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/25/92	18	2.513	2.614	3.643	1.255	0.714	0.845	1.255	1.868	3.519	3.606
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			411.391								

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Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/25/92	18	575.	1734.556	6200.	32.	3535752.85	1880.36	39.2	92.	3300.	4220.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/25/92	18	2.749	2.786	3.792	1.505	0.613	0.783	1.592	1.958	3.518	3.621
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			610.539								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/11/72-08/20/79	9	6.	6.444	17.	2.	25.028	5.003	2.	2.	9.5	17.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/25/92	20	705.5	719.8	1070.	443.	30300.589	174.071	466.5	581.5	827.5	1021.5
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/81-08/25/92	17	98.	91.412	100.	50.	175.382	13.243	69.2	86.5	100.	100.
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/07/81-08/21/91	15 ##	0.05	0.057	0.2	0.	0.002	0.042	0.03	0.05	0.05	0.11
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/07/81-08/25/92	17	1580.	3440.765	15700.	57.	21579307.941	4645.353	181.	296.	4695.	13540.

** - Less than 9 observations ## - Computed 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 6/09 - Station AMIS0083

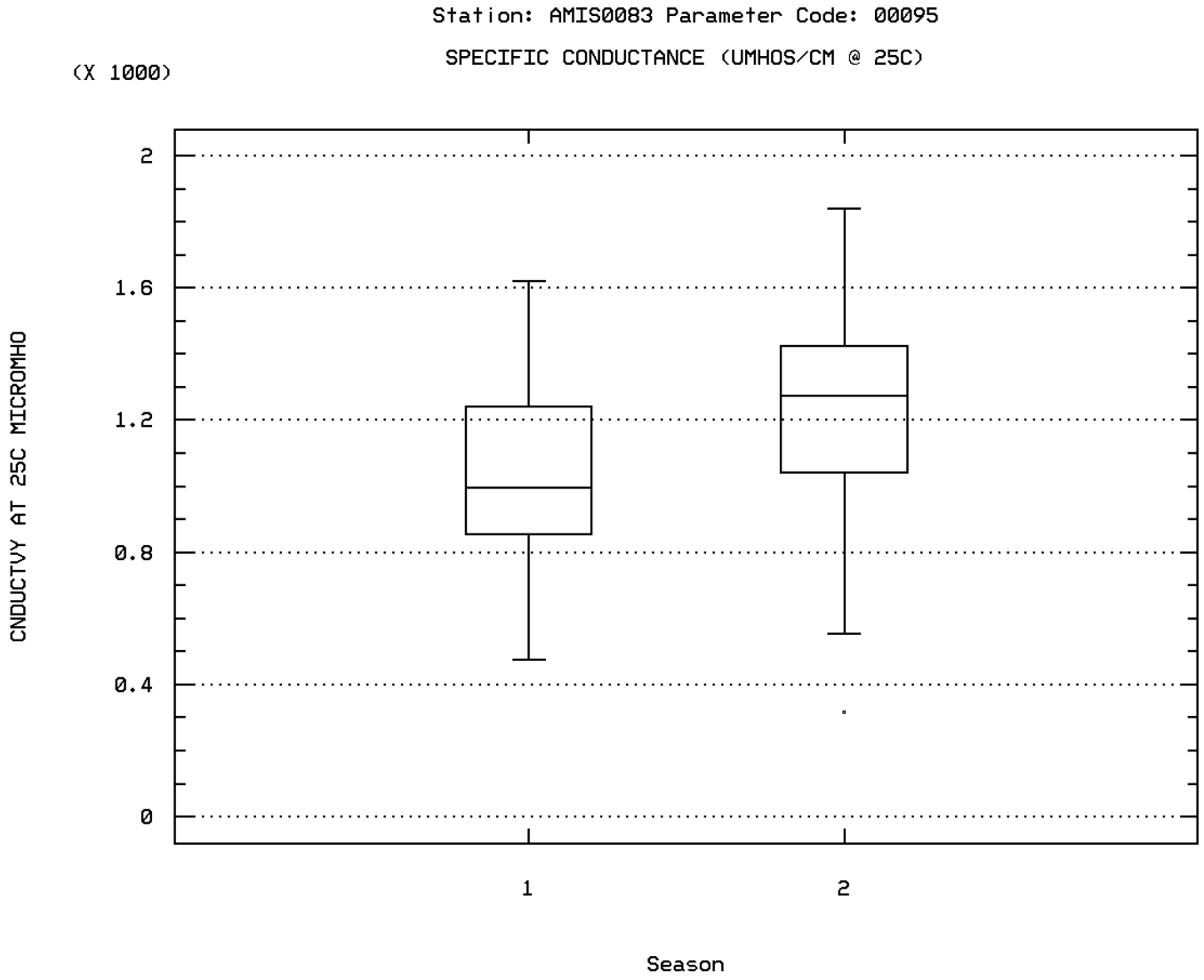
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/68-08/25/92	88	18.	18.826	29.4	10.	27.176	5.213	12.	15.	23.825	27.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/11/68-08/20/79	60	64.	65.437	85.	50.	78.419	8.855	54.1	60.	71.5	79.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/73-08/25/92	55	1020.	1642.127	6900.	2.	2457512.113	1567.645	508.6	686.	1740.	4260.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/68-08/20/79	59	50.	128.5	999.	2.5	33653.457	183.449	10.	20.	160.	450.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/07/81-08/25/92	28	135.	271.586	1600.	6.	126579.309	355.78	16.04	39.25	355.	816.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/08/72-06/25/86	38	1000.	1096.579	3500.	600.	215054.196	463.739	745.	907.5	1143.75	1500.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/68-08/25/92	71	1274.	1256.38	1840.	316.	80470.01	283.672	884.	1040.	1425.	1626.
00300p	OXYGEN, DISSOLVED MG/L	09/11/68-08/25/92	86	9.	8.987	13.	5.	2.559	1.6	6.78	8.15	10.	11.
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/11/68-08/25/92	53	1.7	2.375	14.	0.25	6.194	2.489	0.6	1.	2.5	4.78
00400	PH (STANDARD UNITS)	02/08/72-08/25/92	66	8.2	8.081	8.97	7.2	0.128	0.358	7.6	7.8	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	02/08/72-08/25/92	66	8.2	7.927	8.97	7.2	0.152	0.39	7.6	7.8	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/08/72-08/25/92	66	0.006	0.012	0.063	0.001	0.	0.012	0.003	0.004	0.016	0.025
00403	PH, LAB, STANDARD UNITS SU	09/11/68-06/25/86	43	8.1	8.044	8.5	7.5	0.049	0.221	7.7	7.9	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/68-06/25/86	43	8.1	7.987	8.5	7.5	0.052	0.228	7.7	7.9	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/68-06/25/86	43	0.008	0.01	0.032	0.003	0.	0.006	0.005	0.006	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/76-05/22/91	32	164.5	163.219	224.	120.	528.693	22.993	133.3	150.5	171.75	200.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/72-06/25/86	21	119.	386.143	4990.	5.	1138927.329	1067.205	9.2	17.	323.	522.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/11/72-06/25/86	20	12.5	36.9	360.	2.	6125.884	78.268	3.1	6.	35.75	66.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/07/81-08/25/92	28	0.03	0.029	0.11	0.005	0.001	0.024	0.005	0.01	0.039	0.071
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/72-08/25/92	39 ##	0.04	0.039	0.14	0.005	0.001	0.03	0.01	0.02	0.05	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-08/25/92	18 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.006
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/11/72-06/25/86	21	0.77	0.754	1.25	0.42	0.05	0.223	0.484	0.535	0.88	1.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/07/81-08/25/92	28	0.7	0.99	4.5	0.3	0.935	0.967	0.3	0.46	0.975	2.41
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/07/81-08/25/92	28	0.7	0.677	1.2	0.05	0.068	0.262	0.3	0.5	0.8	1.01
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/72-08/20/79	21	0.15	0.342	1.2	0.04	0.13	0.36	0.05	0.06	0.575	0.962
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/17/73-02/02/83	22	0.03	0.056	0.18	0.015	0.003	0.051	0.015	0.015	0.083	0.147
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/11/72-08/25/92	48	0.05	0.15	1.9	0.005	0.092	0.303	0.01	0.023	0.138	0.327
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/07/81-08/25/92	28 ##	0.008	0.015	0.07	0.005	0.	0.018	0.005	0.005	0.01	0.042
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/17/73-08/25/92	46	0.01	0.015	0.07	0.005	0.	0.016	0.005	0.005	0.02	0.043
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/07/81-08/25/92	28	90.5	90.143	110.	68.	125.46	11.201	73.9	83.	98.75	110.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/07/81-08/25/92	28	19.5	19.643	27.	10.	27.349	5.23	11.9	15.25	24.	27.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/07/81-08/25/92	28	175.	167.5	240.	100.	1575.	39.686	109.	135.	200.	211.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/07/81-08/25/92	28	6.25	6.286	7.6	5.	0.481	0.694	5.38	5.75	6.875	7.41
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/11/68-08/25/92	71	92.	103.028	250.	13.	3015.028	54.909	34.2	59.	146.	180.
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/11/68-08/25/92	66	300.	295.242	410.	31.	4909.356	70.067	197.	268.75	341.	373.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/07/81-08/25/92	28	1.3	1.268	1.7	0.5	0.087	0.296	0.8	1.1	1.4	1.7
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/07/81-08/25/92	28	21.	20.571	27.	13.	15.735	3.967	14.8	18.	23.75	26.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/07/81-08/21/91	24	7.5	7.917	15.	2.	11.471	3.387	3.5	5.25	10.	13.
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/07/81-08/25/92	26	82.5	88.385	150.	63.	332.806	18.243	71.	75.75	99.25	113.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/21/91	22 ##	0.25	0.355	2.	0.25	0.149	0.386	0.25	0.25	0.25	0.635
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/07/81-08/21/91	24 ##	0.5	0.708	3.	0.5	0.346	0.588	0.5	0.5	0.5	1.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/07/81-08/21/91	24 ##	0.5	1.333	10.	0.5	4.406	2.099	0.5	0.5	1.	3.75
01035	COBALT, DISSOLVED (UG/L AS CO)	10/07/81-08/25/92	26 ##	1.5	1.462	1.5	0.5	0.038	0.196	1.5	1.5	1.5	1.5

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

Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	10/07/81-08/21/91	24	1.	1.542	6.	0.5	1.868	1.367	0.5	1.	2.	4.
01046	IRON, DISSOLVED (UG/L AS FE)	10/07/81-08/25/92	26	7.	12.885	79.	1.5	331.026	18.194	1.5	4.	13.	36.9
01049	LEAD, DISSOLVED (UG/L AS PB)	10/07/81-08/21/91	24 ##	1.5	1.875	6.	0.5	2.549	1.597	0.5	0.5	2.5	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/07/81-08/25/92	26	2.	2.019	8.	0.5	3.21	1.792	0.5	0.5	3.	4.3
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-08/25/92	24 ##	5.	8.333	20.	5.	25.362	5.036	5.	5.	10.	20.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/07/81-08/25/92	26	1.	1.712	8.	0.5	2.743	1.656	0.5	0.5	2.	3.6
01075	SILVER, DISSOLVED (UG/L AS AG)	10/07/81-08/25/92	26 ##	0.5	0.596	2.	0.5	0.1	0.317	0.5	0.5	0.5	1.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/27/82-08/25/92	24	1800.	1691.667	2200.	1100.	92101.449	303.482	1250.	1400.	1900.	2050.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-08/25/92	24	8.5	7.542	14.	3.	12.607	3.551	3.	3.	10.75	12.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/07/81-08/21/91	24	5.	12.021	70.	1.5	276.337	16.623	1.5	1.5	15.25	39.5
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/27/82-08/25/92	24 ##	5.	20.833	200.	5.	1671.014	40.878	5.	5.	20.	50.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/27/82-08/25/92	24	100.	93.542	120.	39.	473.303	21.756	57.5	85.25	110.	115.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/07/81-08/25/92	26	1.	1.058	2.	0.5	0.267	0.516	0.5	0.5	1.	2.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/25/92	28	110.	403.714	2200.	3.	401911.619	633.965	6.	22.	470.	1750.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/07/81-08/25/92	28	2.025	1.993	3.342	0.477	0.732	0.856	0.778	1.338	2.672	3.242
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			98.51								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/25/92	28	125.	520.214	3100.	6.	638845.878	799.278	19.5	32.	705.	2230.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/07/81-08/25/92	28	2.097	2.182	3.491	0.778	0.599	0.774	1.268	1.505	2.846	3.348
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			152.124								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/11/72-08/20/79	20 ##	3.5	5.45	15.	2.	17.839	4.224	2.	2.	9.75	11.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/77-08/25/92	33	859.	852.091	1150.	574.	26018.835	161.304	622.	755.	999.5	1080.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/81-08/25/92	28	97.5	90.107	100.	49.	213.062	14.597	61.5	84.75	100.	100.
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/07/81-08/21/91	24 ##	0.05	0.052	0.1	0.05	0.	0.01	0.05	0.05	0.05	0.05
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/07/81-08/25/92	28	343.	787.214	3900.	39.	1082540.249	1040.452	62.2	95.	1250.	2697.

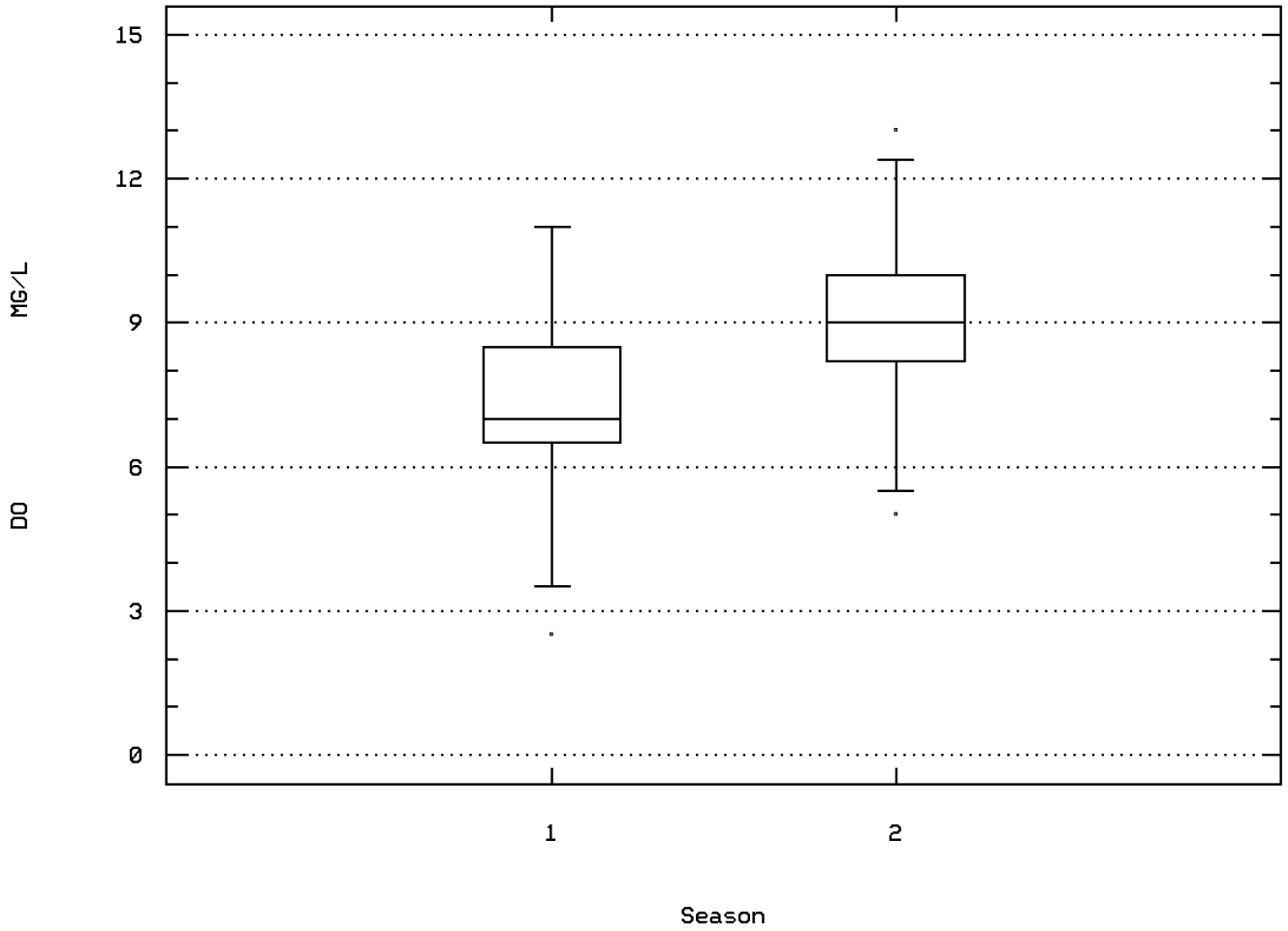
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



RIO GRNADE AT FOSTER RANCH

Station: AMIS0083 Parameter Code: 00300

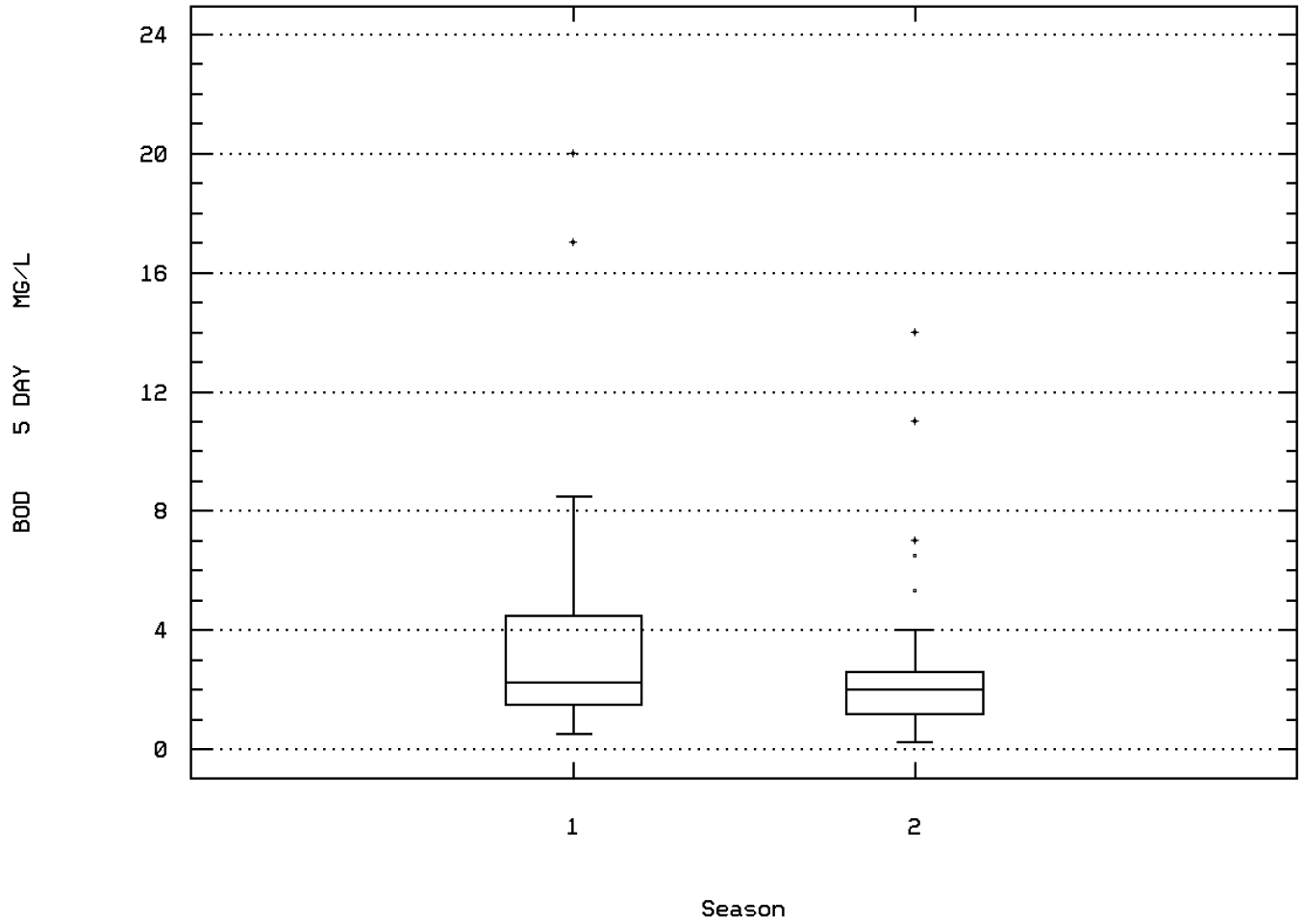
OXYGEN, DISSOLVED



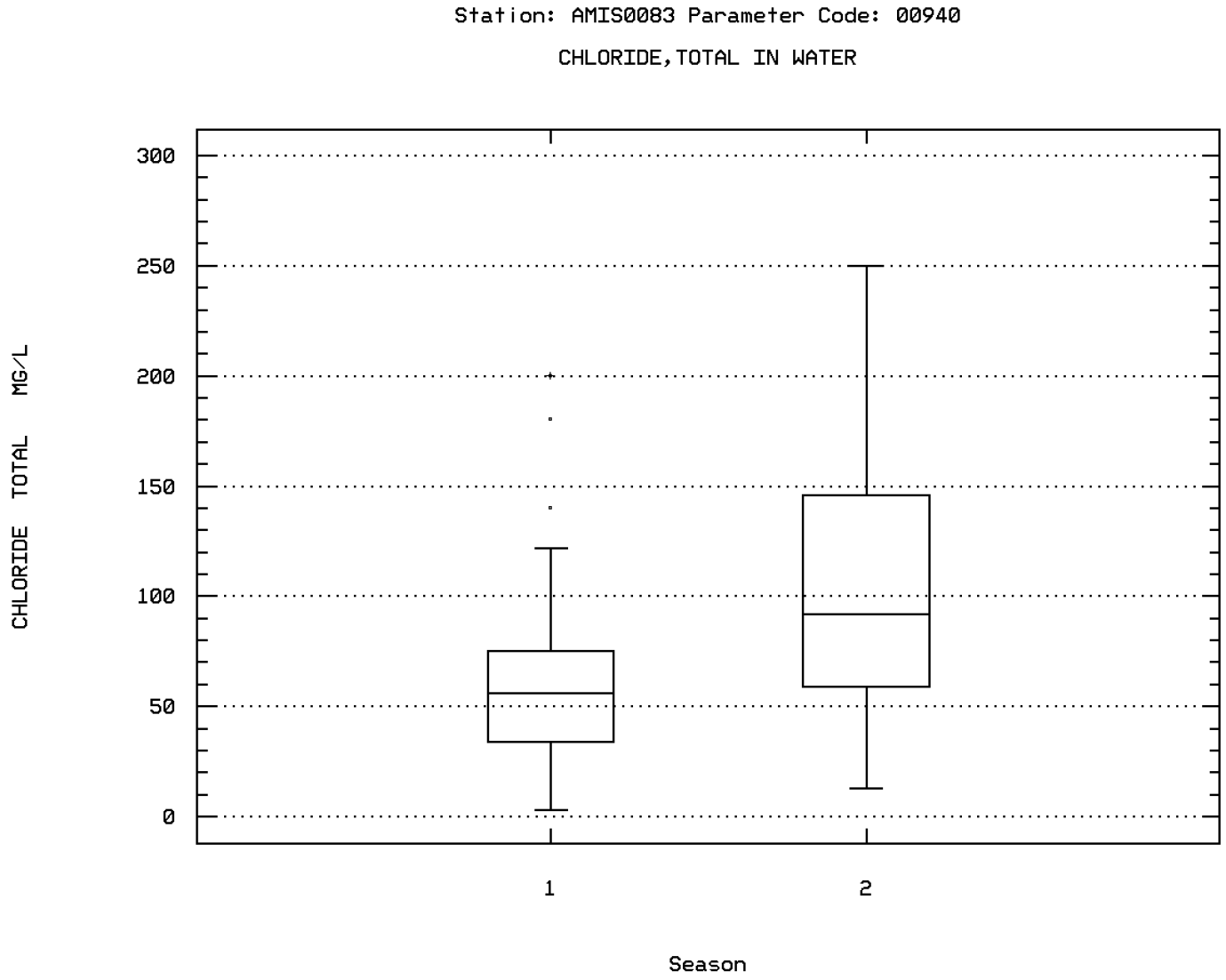
RIO GRNADE AT FOSTER RANCH

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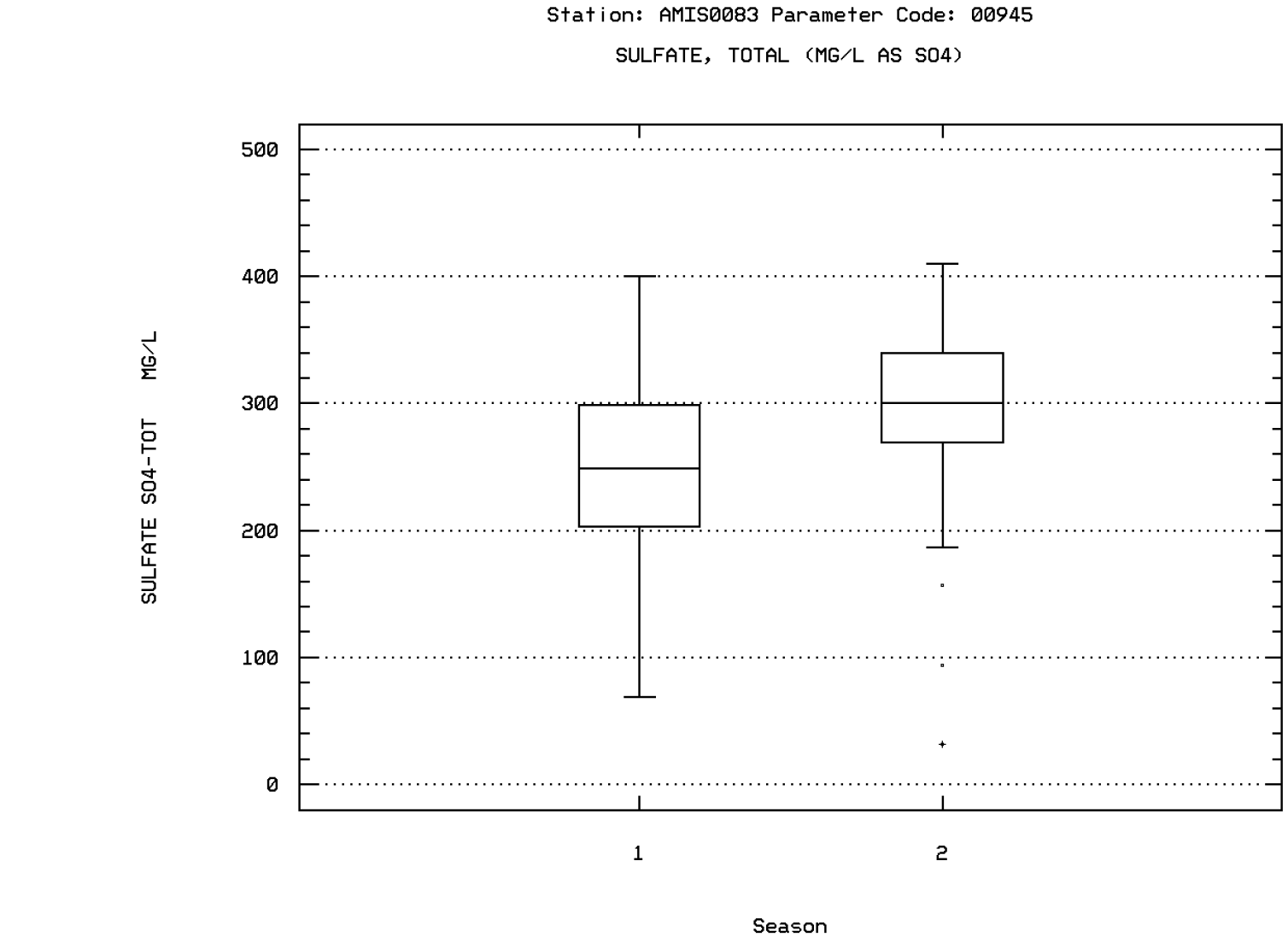
BOD, 5 DAY, 20 DEG C



RIO GRNADE AT FOSTER RANCH



RIO GRNADE AT FOSTER RANCH



RIO GRNADE AT FOSTER RANCH

Station Inventory for Station: AMIS0084

NPS Station ID: AMIS0084 LAT/LON: 29.780560/-101.755559 Agency: 112WRD Date Created: / /
Location: RIO GRANDE AT FOSTER RANCH NR LANGTRY, TX FIPS State/County: 48465 TEXAS/VAL VERDE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 08377200
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13040212 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 13040212 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 13040212007000.00 RF3 Mile Point: 1.49 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: AMIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/30/74-01/26/93	103	22.	20.811	31.	3.5	38.755	6.225	12.	15.	27.	28.
00025	BAROMETRIC PRESSURE (MM OF HG)	10/27/82-01/26/93	40	734.	735.45	748.	726.	27.844	5.277	730.	732.	739.	744.9
00060	FLOW, STREAM, MEAN DAILY CFS	10/01/74-08/23/77	21	1190.	1835.81	8990.	345.	3655406.062	1911.912	488.8	712.5	2620.	3388.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/01/76-01/26/93	83	1050.	2062.771	13000.	26.	5698594.813	2387.173	505.	785.	2460.	4920.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/30/74-09/14/78	31	240.	611.	4200.	18.	1201144.067	1095.967	25.	68.	650.	2890.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/78-01/26/93	70	78.5	605.893	8500.	0.3	2251545.304	1500.515	6.68	28.	367.5	1580.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/08/80-10/08/80	1	1010.	1010.	1010.	1010.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/73-01/26/93	104	1175.	1190.471	1840.	740.	62154.834	249.309	874.5	1002.5	1327.5	1590.
00300	OXYGEN, DISSOLVED MG/L	10/30/74-01/26/93	102	8.8	9.03	12.8	6.6	1.425	1.194	7.6	8.275	9.625	10.67
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/30/74-02/02/83	64	97.5	100.063	141.	71.	133.837	11.569	88.5	94.25	105.75	114.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/30/74-01/26/93	102	1.2	1.51	5.3	0.2	1.042	1.021	0.53	0.8	1.825	2.97
00340	COD, .25N K2CR2O7 MG/L	02/11/81-02/11/81	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/73-01/26/93	104	7.9	7.905	8.5	7.1	0.097	0.312	7.5	7.7	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/01/73-01/26/93	104	7.9	7.785	8.5	7.1	0.112	0.334	7.5	7.7	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/73-01/26/93	104	0.013	0.016	0.079	0.003	0.	0.015	0.005	0.006	0.02	0.032
00403	PH, LAB, STANDARD UNITS SU	10/08/80-01/26/93	54	8.	8.007	8.4	7.6	0.038	0.195	7.7	7.875	8.2	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/08/80-01/26/93	54	8.	7.963	8.4	7.6	0.04	0.2	7.7	7.875	8.2	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/80-01/26/93	54	0.01	0.011	0.025	0.004	0.	0.005	0.006	0.006	0.013	0.02
00405	CARBON DIOXIDE (MG/L AS CO2)	10/01/73-07/23/80	46	3.85	5.867	28.	1.4	29.183	5.402	2.18	2.9	6.275	12.3
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/01/73-05/22/91	91	156.	149.275	190.	0.	856.468	29.265	121.2	140.	164.	174.8
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	11/19/86-11/19/86	1	175.	175.	175.	175.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/08/80-10/08/80	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/73-11/07/90	64	190.	190.703	230.	133.	390.593	19.763	167.	180.	201.75	217.5
00445	CARBONATE ION (MG/L AS CO3)	10/01/73-11/07/90	64	0.	0.172	5.	0.	0.78	0.883	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	06/11/86-11/18/87	5	0.	1.	5.	0.	5.	2.236	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	06/11/86-11/18/87	5	201.	193.2	219.	154.	654.2	25.577	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/18/87-01/26/93	22	0.	2.136	8.	0.	8.79	2.965	0.	0.	5.	7.4
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/18/87-01/26/93	22	184.5	182.182	215.	133.	369.108	19.212	157.2	168.	198.25	205.9
00500	RESIDUE, TOTAL (MG/L)	08/05/81-08/05/81	1	541.	541.	541.	541.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/01/73-12/01/74	1	633.	633.	633.	633.	0.	0.	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	01/15/75-04/09/80	4	2.575	17.663	64.7	0.8	984.229	31.372	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	01/14/76-04/09/80	3	5.5	24.803	66.7	2.21	1319.204	36.321	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/30/74-09/09/81	56	1.6	2.123	12.	0.57	3.7	1.923	0.894	1.325	2.075	3.72
00602	NITROGEN, DISSOLVED (MG/L AS N)	11/14/79-09/09/81	16	1.6	1.625	3.6	1.	0.363	0.603	1.07	1.225	1.775	2.48
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/30/74-09/09/81	56	0.715	1.204	11.	0.	3.178	1.783	0.258	0.393	1.175	2.66
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/14/79-09/09/81	16	0.55	0.617	2.1	0.18	0.203	0.451	0.236	0.328	0.708	1.295
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/14/79-01/26/93	62	0.03	0.035	0.15	0.	0.001	0.033	0.005	0.01	0.04	0.091
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/30/74-12/02/92	84	0.02	0.038	0.45	0.	0.005	0.067	0.005	0.01	0.038	0.08

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

Parameter Inventory for Station: AMIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-01/26/93	29 ##	0.005	0.006	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/30/74-12/02/92	51	0.01	0.014	0.1	0.	0.	0.016	0.005	0.005	0.02	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/30/74-10/08/80	42	0.765	0.79	1.4	0.12	0.083	0.287	0.493	0.597	0.97	1.2
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/01/73-08/21/91	38	0.415	0.553	2.2	0.21	0.14	0.374	0.26	0.32	0.675	0.947
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	02/28/79-09/09/81	22	0.325	0.99	9.9	0.	4.764	2.183	0.026	0.103	0.61	3.46
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/74-01/26/93	102	0.715	1.162	11.	0.05	2.415	1.554	0.3	0.438	1.1	2.24
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/30/74-12/02/92	65	0.82	0.828	1.5	0.07	0.087	0.295	0.508	0.64	1.	1.2
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/74-01/26/93	62	0.8	0.782	1.4	0.05	0.094	0.307	0.33	0.6	1.	1.17
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/18/79-06/20/79	3	0.09	0.393	1.	0.09	0.276	0.525	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/07/81-02/02/83	6	0.075	0.085	0.15	0.03	0.002	0.044	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/30/74-01/26/93	103	0.1	0.446	5.8	0.005	0.821	0.906	0.02	0.03	0.38	1.48
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/77-01/26/93	83	0.01	0.023	0.36	0.	0.002	0.048	0.002	0.005	0.02	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/07/81-01/26/93	46 ##	0.005	0.013	0.07	0.005	0.	0.014	0.005	0.005	0.02	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/30/74-09/09/81	28	5.3	9.504	63.	1.4	158.393	12.585	2.19	2.7	10.45	27.3
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/15/78-08/05/81	12	3.9	4.958	11.	1.7	8.875	2.979	1.73	2.875	7.65	10.34
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	02/15/78-08/05/81	11	1.1	4.3	29.	0.1	70.926	8.422	0.1	0.2	5.3	24.32
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/73-02/02/83	63	300.	298.095	490.	200.	2180.184	46.692	250.	270.	320.	356.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/73-02/02/83	62	145.	147.29	300.	78.	1587.586	39.845	99.3	120.	160.	200.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/73-01/26/93	101	89.	88.98	150.	49.	195.	13.964	73.	81.5	96.	108.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/73-01/26/93	102	18.	17.85	27.	7.4	28.309	5.321	9.79	13.75	22.	24.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/73-01/26/93	101	140.	140.792	240.	41.	1567.306	39.589	94.2	110.	160.	200.
00931	SODIUM ADSORPTION RATIO	10/01/73-02/02/83	63	3.4	3.268	4.4	1.1	0.401	0.633	2.34	3.	3.7	3.96
00932	SODIUM, PERCENT	10/01/73-02/02/83	63	49.	47.762	56.	24.	27.313	5.226	41.4	46.	51.	52.
00933	SODIUM,PLUS POTASSIUM (MG/L)	04/18/79-03/12/80	9	140.	140.	160.	120.	200.	14.142	120.	125.	150.	160.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/73-01/26/93	101	6.1	6.149	8.6	3.2	0.876	0.936	5.1	5.5	6.8	7.4
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/73-01/26/93	102	89.	102.441	250.	17.	2792.328	52.842	47.6	60.75	140.	180.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/73-01/26/93	101	300.	302.772	490.	170.	3222.238	56.765	230.	270.	340.	370.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/74-01/26/93	99	1.3	1.298	2.	0.1	0.097	0.311	0.9	1.1	1.4	1.7
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/26/93	101	23.	22.089	31.	12.	15.582	3.947	16.	20.	25.	27.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/30/74-08/21/91	54	7.	7.296	15.	1.	11.08	3.329	3.	5.	10.	12.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	10/18/77-08/04/82	14	1.	7.464	39.	0.	146.479	12.103	0.	0.875	9.25	33.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/30/74-08/04/82	21	9.	13.667	40.	4.	92.233	9.604	5.2	7.5	19.	30.
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/22/77-01/26/93	58	83.	93.5	300.	50.	1804.325	42.477	50.	72.5	100.	122.
01006	BARIUM, SUSPENDED (UG/L AS BA)	10/18/77-06/09/82	16	200.	452.188	2700.	0.	524623.229	724.309	0.	1.25	650.	1860.
01007	BARIUM, TOTAL (UG/L AS BA)	08/23/77-08/04/82	18	250.	616.667	2800.	50.	650294.118	806.408	50.	87.5	850.	2260.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/21/91	33 ##	0.25	0.442	2.	0.25	0.23	0.479	0.25	0.25	0.25	1.28
01020	BORON, DISSOLVED (UG/L AS B)	10/01/73-12/01/76	2	210.	210.	240.	180.	1800.	42.426	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/30/74-08/21/91	54 ##	0.5	0.741	3.	0.	0.403	0.635	0.5	0.5	1.	2.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	10/18/77-06/11/80	9	0.	0.889	4.	0.	2.361	1.537	0.	0.	2.	4.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/30/74-08/04/82	21 ##	1.	3.381	10.	0.	19.223	4.384	0.	0.	10.	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/30/74-08/21/91	54 ##	0.5	1.565	10.	0.	8.378	2.894	0.	0.	1.	7.5
01031	CHROMIUM, SUSPEND (UG/L AS CR)	10/18/77-10/07/81	14	0.	31.786	140.	0.	2360.027	48.58	0.	0.	73.75	125.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/30/74-08/04/82	21	10.	28.333	140.	0.	1710.833	41.362	0.	0.	45.	105.
01035	COBALT, DISSOLVED (UG/L AS CO)	10/30/74-01/26/93	60 ##	1.5	1.317	5.	0.	0.525	0.725	0.	1.5	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	10/18/77-06/11/80	10	2.	12.7	56.	0.	401.122	20.028	0.	0.	28.25	54.2
01037	COBALT, TOTAL (UG/L AS CO)	10/30/74-08/04/82	21	3.	25.452	150.	0.	1406.598	37.505	0.	0.25	50.	72.2
01040	COPPER, DISSOLVED (UG/L AS CU)	10/30/74-08/21/91	54	1.	1.778	7.	0.	2.893	1.701	0.5	1.	2.	5.
01041	COPPER, SUSPENDED (UG/L AS CU)	10/18/77-06/09/82	15	8.	21.3	130.	0.	1272.564	35.673	0.6	3.	16.	97.6
01042	COPPER, TOTAL (UG/L AS CU)	10/30/74-08/04/82	21	11.	30.238	130.	1.	1516.19	38.938	3.	5.	47.5	100.
01044	IRON, SUSPENDED (UG/L AS FE)	06/07/78-08/04/82	11	6300.	22836.364	130000.	330.	1721286985.455	41488.396	334.	730.	13000.	119000.
01045	IRON, TOTAL (UG/L AS FE)	10/30/74-08/04/82	21	7700.	21859.048	130000.	340.	1251667929.048	35378.919	406.	1050.	24000.	92600.
01046	IRON, DISSOLVED (UG/L AS FE)	10/30/74-01/26/93	60	8.	87.633	3400.	1.5	205623.668	453.457	1.65	5.	20.	55.9
01049	LEAD, DISSOLVED (UG/L AS PB)	10/30/74-08/21/91	54 ##	1.	1.463	6.	0.	2.357	1.535	0.	0.5	2.5	4.
01050	LEAD, SUSPENDED (UG/L AS PB)	10/18/77-02/03/82	15	13.	40.133	200.	0.	3198.695	56.557	0.6	2.	64.	152.
01051	LEAD, TOTAL (UG/L AS PB)	10/30/74-08/04/82	21	18.	57.	210.	1.	4168.3	64.562	1.2	7.5	100.	184.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	10/18/77-08/04/82	14	140.	1210.	6600.	20.	4038923.077	2009.707	20.	30.	2475.	5300.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/30/74-08/04/82	21	320.	1123.333	6600.	20.	2935173.333	1713.235	30.	40.	1850.	3800.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/30/74-01/26/93	60	2.	3.633	50.	0.	54.312	7.37	0.5	0.5	4.	5.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-01/26/93	39 ##	5.	7.564	20.	5.	18.252	4.272	5.	5.	10.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/30/74-01/26/93	50	1.	1.85	16.	0.	6.329	2.516	0.5	0.5	2.	3.9
01066	NICKEL, SUSPENDED (UG/L AS NI)	02/06/80-02/03/82	7	13.	39.429	180.	0.	4275.952	65.391	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/06/80-08/04/82	9	21.	40.667	180.	0.	3223.5	56.776	0.	2.5	57.5	180.
01075	SILVER, DISSOLVED (UG/L AS AG)	06/22/77-01/26/93	58 ##	0.5	0.405	2.	0.	0.109	0.331	0.	0.	0.5	0.5

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

Parameter Inventory for Station: AMIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01076	SILVER, SUSPENDED (UG/L AS AG)	10/18/77-10/07/81	14	0.	0.571	5.	0.	1.802	1.342	0.	0.	1.	3.
01077	SILVER, TOTAL (UG/L AS AG)	08/23/77-08/04/82	21 ##	0.	1.262	10.	0.	8.715	2.952	0.	0.	1.	8.4
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/30/74-01/26/93	41	1700.	1641.463	2200.	1000.	93487.805	305.758	1120.	1400.	1900.	2000.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-01/26/93	39	9.	8.026	16.	3.	13.762	3.71	3.	3.	11.	13.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/30/74-08/21/91	54	8.	18.083	150.	0.	840.875	28.998	1.5	1.5	20.25	50.5
01091	ZINC, SUSPENDED (UG/L ZN)	10/18/77-08/04/82	17	20.	143.529	700.	0.	54274.265	232.968	0.	5.	220.	668.
01092	ZINC, TOTAL (UG/L AS ZN)	10/30/74-08/04/82	21	70.	177.619	720.	0.	51279.048	226.449	20.	25.	285.	658.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/30/74-01/26/93	41 ##	5.	23.171	290.	5.	2218.445	47.1	5.	5.	20.	50.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/30/74-01/26/93	41	87.	84.561	120.	39.	528.952	22.999	48.4	61.	100.	110.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/30/74-01/26/93	59	1.	1.263	4.	0.5	0.486	0.697	0.5	1.	2.	2.
01146	SELENIUM, SUSPENDED (UG/L AS SE)	10/18/77-08/04/82	17	0.	0.882	4.	0.	1.735	1.317	0.	0.	1.5	3.2
01147	SELENIUM, TOTAL (UG/L AS SE)	10/30/74-08/04/82	21	2.	2.214	8.	0.5	3.564	1.888	1.	1.	2.5	5.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/30/74-08/09/78	30	1250.	2516.467	12000.	48.	11065364.602	3326.464	53.6	167.5	3575.	8980.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/30/74-08/09/78	30	3.097	2.917	4.079	1.681	0.599	0.774	1.728	2.224	3.553	3.947
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			825.237								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/30/74-09/29/76	13	110.	559.308	2100.	4.	535861.564	732.026	8.4	18.	1300.	1860.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/30/74-09/29/76	13	2.041	2.086	3.322	0.602	0.887	0.942	0.832	1.253	3.113	3.264
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			121.915								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/26/93	89	180.	793.921	8000.	2.	2552104.119	1597.531	17.	26.	530.	3000.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/26/93	89	2.255	2.176	3.903	0.301	0.746	0.864	1.23	1.414	2.724	3.477
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			149.909								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-01/26/93	89	180.	883.551	8800.	6.	2543391.773	1594.801	16.	50.	740.	3100.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-01/26/93	89	2.255	2.307	3.944	0.778	0.671	0.819	1.204	1.699	2.869	3.491
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			202.735								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/30/74-09/29/76	13	200.	860.923	3200.	20.	1142917.744	1069.073	28.8	95.	1350.	3040.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/30/74-09/29/76	13	2.301	2.512	3.505	1.301	0.505	0.711	1.43	1.972	3.13	3.482
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			325.22								
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	01/15/75-01/14/76	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	01/15/75-01/14/76	2	1.55	1.55	2.4	0.7	1.445	1.202	**	**	**	**
39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	11/17/76-08/09/78	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	05/23/90-02/06/91	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39046	SIMAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/17/76-11/17/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/08/89-01/26/93	14	153.5	151.429	176.	109.	351.033	18.736	118.5	139.5	165.	176.
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	02/03/82-06/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	10/07/81-06/09/82	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/01/75-07/01/75	1	0.87	0.87	0.87	0.87	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-06/09/82	5 ##	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	07/01/75-06/09/82	5 ##	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	07/01/75-06/09/82	16 ##	0.	0.003	0.05	0.	0.	0.013	0.	0.	0.	0.015
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	07/01/75-06/09/82	5 ##	0.	0.1	0.5	0.	0.05	0.224	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-06/09/82	5 ##	0.	0.54	2.5	0.	1.208	1.099	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/79-06/09/82	4 ##	0.35	1.525	5.4	0.	6.783	2.604	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-06/09/82	5 ##	0.	4.04	20.	0.	79.608	8.922	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/01/75-06/09/82	5 ##	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	02/03/82-06/09/82	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/07/81-06/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-06/09/82	5 ##	0.	0.03	0.1	0.	0.002	0.045	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/01/75-12/12/79	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.031	0.5	0.	0.016	0.125	0.	0.	0.	0.15
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/01/75-06/09/82	5 ##	0.	1.	5.	0.	5.	2.236	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/01/75-06/09/82	5 ##	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/01/75-06/09/82	5 ##	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: AMIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/01/75-06/09/82	5 ##	0.	0.01	0.05	0.	0.001	0.022	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/09/77-11/09/77	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/15/78-06/09/82	10 ##	0.	0.005	0.05	0.	0.	0.016	0.	0.	0.	0.045
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/79-06/09/82	4 ##	0.	0.125	0.5	0.	0.063	0.25	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-12/12/79	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-12/12/79	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/01/75-12/12/79	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	07/01/75-12/12/79	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	11/17/76-08/09/78	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/17/76-11/17/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	11/17/76-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/17/76-11/17/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	11/17/76-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/17/76-11/17/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	02/03/82-06/09/82	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	10/07/81-06/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	11/17/76-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/17/76-11/17/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/01/75-12/12/79	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	16 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.002
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	07/01/75-12/12/79	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	10/30/74-07/23/80	32	2750.	4047.5	22000.	110.	22795554.839	4774.469	366.	697.5	5825.	8680.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/30/74-01/26/93	99	781.	786.01	1210.	458.	25878.092	160.867	574.	658.	870.	1030.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/73-02/02/83	62	747.	747.113	1220.	502.	16027.151	126.598	581.	657.	820.75	883.3
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/30/74-02/02/83	63	2020.	3058.194	16300.	53.2	9542060.027	3089.023	930.	1180.	3690.	6164.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/73-02/02/83	63	1.03	1.021	1.65	0.63	0.032	0.179	0.792	0.89	1.13	1.202
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/30/74-08/25/92	100	98.	92.2	100.	10.	179.131	13.384	81.2	89.25	100.	100.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/07/90-12/02/92	9	0.02	0.027	0.11	0.005	0.001	0.033	0.005	0.005	0.035	0.11
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	12/12/79-04/09/80	2	1073.	1073.	1778.	368.	994050.	997.021	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	11/09/77-04/09/80	3	0.6	2.03	5.4	0.09	8.583	2.93	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	11/09/77-04/09/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/18/79-01/14/81	16	0.01	0.028	0.2	0.	0.002	0.049	0.	0.01	0.035	0.095
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/14/79-02/02/83	24	0.08	0.073	0.19	0.	0.003	0.056	0.	0.03	0.12	0.16
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-02/08/84	31	0.31	1.577	13.	0.03	10.891	3.3	0.036	0.09	0.8	8.64
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/30/74-09/09/81	56	7.15	9.402	54.	2.5	73.833	8.593	3.97	5.625	9.025	16.6
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/30/74-08/21/91	54 ##	0.05	0.087	0.6	0.	0.009	0.094	0.05	0.05	0.063	0.225
71895	MERCURY, SUSPENDED (UG/L AS HG)	10/18/77-10/07/81	14	0.1	0.179	0.9	0.	0.086	0.294	0.	0.	0.2	0.85
71900	MERCURY, TOTAL (UG/L AS HG)	10/30/74-08/04/82	21	0.2	0.238	0.9	0.05	0.049	0.222	0.05	0.1	0.275	0.7
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/30/74-08/25/92	100	332.	1476.63	15700.	31.	8417252.639	2901.25	66.5	107.	1302.5	4809.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/30/74-08/04/82	63	822.	15155.143	376000.	18.	3305823537.931	57496.292	108.8	150.	5610.	23640.
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/12/83-10/12/83	1	84.	84.	84.	84.	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	10/07/81-06/09/82	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	12/03/80-07/08/81	4	4.3	4.525	5.7	3.8	0.729	0.854	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	02/03/82-06/09/82	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: AMIS0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	31	26	0.84	13	13	1.00	18	13	0.72						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	70	44	0.63	26	21	0.81	44	23	0.52						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	102	0	0.00	40	0	0.00	62	0	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: AMIS0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	104	0	0.00	41	0	0.00	63	0	0.00						
		Other-Lo Lim.	6.5	104	0	0.00	41	0	0.00	63	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	54	0	0.00	21	0	0.00	33	0	0.00						
		Other-Lo Lim.	6.5	54	0	0.00	21	0	0.00	33	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	29	0	0.00	9	0	0.00	20	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	51	0	0.00	21	0	0.00	30	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	42	0	0.00	18	0	0.00	24	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	65	0	0.00	26	0	0.00	39	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	62	0	0.00	23	0	0.00	39	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	102	0	0.00	40	0	0.00	62	0	0.00						
		Drinking Water	250.	102	1	0.01	40	0	0.00	62	1	0.02						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	101	83	0.82	39	28	0.72	62	55	0.89						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	99	0	0.00	38	0	0.00	61	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	54	0	0.00	26	0	0.00	28	0	0.00						
		Drinking Water	50.	54	0	0.00	26	0	0.00	28	0	0.00						
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	14	0	0.00	8	0	0.00	6	0	0.00						
		Drinking Water	50.	14	0	0.00	8	0	0.00	6	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	21	0	0.00	14	0	0.00	7	0	0.00						
		Drinking Water	50.	21	0	0.00	14	0	0.00	7	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	58	0	0.00	26	0	0.00	32	0	0.00						
01006	BARIUM, SUSPENDED	Drinking Water	2000.	16	1	0.06	9	1	0.11	7	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	18	2	0.11	11	2	0.18	7	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	33	0	0.00	12	0	0.00	21	0	0.00						
		Drinking Water	4.	33	0	0.00	12	0	0.00	21	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	54	0	0.00	26	0	0.00	28	0	0.00						
		Drinking Water	5.	54	0	0.00	26	0	0.00	28	0	0.00						
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	8 &	0	0.00	5	0	0.00	3	0	0.00						
		Drinking Water	5.	9	0	0.00	6	0	0.00	3	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	15 &	1	0.07	9	1	0.11	6	0	0.00						
		Drinking Water	5.	15 &	0	0.00	9	0	0.00	6	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	54	0	0.00	26	0	0.00	28	0	0.00						
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	14	2	0.14	9	2	0.22	5	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	21	2	0.10	14	2	0.14	7	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	54	0	0.00	26	0	0.00	28	0	0.00						
		Drinking Water	1300.	54	0	0.00	26	0	0.00	28	0	0.00						
01041	COPPER, SUSPENDED	Fresh Acute	18.	15	3	0.20	8	2	0.25	7	1	0.14						
		Drinking Water	1300.	15	0	0.00	8	0	0.00	7	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	21	8	0.38	14	7	0.50	7	1	0.14						
		Drinking Water	1300.	21	0	0.00	14	0	0.00	7	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	54	0	0.00	26	0	0.00	28	0	0.00						
		Drinking Water	15.	54	0	0.00	26	0	0.00	28	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	15	2	0.13	9	2	0.22	6	0	0.00						
		Drinking Water	15.	14 &	6	0.43	8	5	0.63	6	1	0.17						
01051	LEAD, TOTAL	Fresh Acute	82.	17 &	3	0.18	10	3	0.30	7	0	0.00						
		Drinking Water	15.	17 &	8	0.47	10	6	0.60	7	2	0.29						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	50	0	0.00	21	0	0.00	29	0	0.00						
		Drinking Water	100.	50	0	0.00	21	0	0.00	29	0	0.00						
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	7	0	0.00	4	0	0.00	3	0	0.00						
		Drinking Water	100.	7	1	0.14	4	1	0.25	3	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	9	0	0.00	5	0	0.00	4	0	0.00						
		Drinking Water	100.	9	1	0.11	5	1	0.20	4	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	58	0	0.00	26	0	0.00	32	0	0.00						
		Drinking Water	100.	58	0	0.00	26	0	0.00	32	0	0.00						
01076	SILVER, SUSPENDED	Fresh Acute	4.1	13 &	0	0.00	8	0	0.00	5	0	0.00						
		Drinking Water	100.	14	0	0.00	9	0	0.00	5	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	19 &	0	0.00	10	0	0.00	9	0	0.00						
		Drinking Water	100.	21	0	0.00	12	0	0.00	9	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	54	2	0.04	26	2	0.08	28	0	0.00						
		Drinking Water	5000.	54	0	0.00	26	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: AMIS0084

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-6/09			n/a			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01091	ZINC, SUSPENDED	Fresh Acute	120.	17	5	0.29	10	3	0.30	7	2	0.29						
		Drinking Water	5000.	17	0	0.00	10	0	0.00	7	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	21	8	0.38	14	6	0.43	7	2	0.29						
		Drinking Water	5000.	21	0	0.00	14	0	0.00	7	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	59	0	0.00	27	0	0.00	32	0	0.00						
		Drinking Water	50.	59	0	0.00	27	0	0.00	32	0	0.00						
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	17	0	0.00	10	0	0.00	7	0	0.00						
		Drinking Water	50.	17	0	0.00	10	0	0.00	7	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	21	0	0.00	14	0	0.00	7	0	0.00						
		Drinking Water	50.	21	0	0.00	14	0	0.00	7	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	30	16	0.53	12	11	0.92	18	5	0.28						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	13	6	0.46	6	6	1.00	7	0	0.00						
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	89	43	0.48	34	26	0.76	55	17	0.31						
39025	SIMAZINE, COULSON CONDUCTIVITY WATER SAM	Drinking Water	4.	8	0	0.00	2	0	0.00	6	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	16	0	0.00	5	0	0.00	11	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	16	0	0.00	5	0	0.00	11	0	0.00						
		Drinking Water	0.2	16	0	0.00	5	0	0.00	11	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	16	0	0.00	5	0	0.00	11	0	0.00						
		Drinking Water	2.	16	0	0.00	5	0	0.00	11	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	16	0	0.00	5	0	0.00	11	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	16	0	0.00	5	0	0.00	11	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	16	0	0.00	5	0	0.00	11	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	16	0	0.00	5	0	0.00	11	0	0.00						
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	2	0	0.00				2	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	16	0	0.00	5	0	0.00	11	0	0.00						
		Drinking Water	2.	16	0	0.00	5	0	0.00	11	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	16	0	0.00	5	0	0.00	11	0	0.00						
		Drinking Water	3.	16	0	0.00	5	0	0.00	11	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	16	0	0.00	5	0	0.00	11	0	0.00						
		Drinking Water	0.4	16	0	0.00	5	0	0.00	11	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	16	0	0.00	5	0	0.00	11	0	0.00						
		Drinking Water	0.2	16	0	0.00	5	0	0.00	11	0	0.00						
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	16	0	0.00	5	0	0.00	11	0	0.00						
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	16	0	0.00	5	0	0.00	11	0	0.00						
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	8	0	0.00	2	0	0.00	6	0	0.00						
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	11	0	0.00	2	0	0.00	9	0	0.00						
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	11	0	0.00	2	0	0.00	9	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	54	0	0.00	26	0	0.00	28	0	0.00						
		Drinking Water	2.	54	0	0.00	26	0	0.00	28	0	0.00						
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	14	0	0.00	9	0	0.00	5	0	0.00						
		Drinking Water	2.	14	0	0.00	9	0	0.00	5	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	21	0	0.00	14	0	0.00	7	0	0.00						
		Drinking Water	2.	21	0	0.00	14	0	0.00	7	0	0.00						

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

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station AMIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/30/74-01/26/93	40	27.	26.05	31.	18.	8.395	2.897	21.1	24.	28.	29.
00025	BAROMETRIC PRESSURE (MM OF HG)	10/27/82-01/26/93	15	734.	735.2	745.	730.	26.457	5.144	730.	732.	735.	745.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/01/76-01/26/93	31	1970.	2986.129	13000.	26.	10425572.249	3228.865	481.2	807.	3190.	8616.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/78-01/26/93	26	300.	1355.854	8500.	0.3	5146882.079	2268.674	4.49	62.5	1550.	5480.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/73-01/26/93	41	1078.	1067.415	1620.	740.	44407.799	210.732	810.4	897.5	1190.	1336.
00300	OXYGEN, DISSOLVED MG/L	10/30/74-01/26/93	40	8.4	8.328	10.6	6.6	0.673	0.82	7.31	7.8	8.8	9.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/30/74-02/02/83	26	99.	103.731	141.	90.	168.205	12.969	91.	94.75	111.75	124.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/30/74-01/26/93	40	1.3	1.445	3.5	0.2	0.622	0.789	0.51	0.925	1.8	2.67
00400	PH (STANDARD UNITS)	10/01/73-01/26/93	41	7.9	7.873	8.3	7.2	0.077	0.278	7.5	7.7	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/01/73-01/26/93	41	7.9	7.782	8.3	7.2	0.085	0.292	7.5	7.7	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/73-01/26/93	41	0.013	0.017	0.063	0.005	0.	0.012	0.006	0.008	0.02	0.032
00403	PH, LAB, STANDARD UNITS SU	10/08/80-01/26/93	21	8.1	8.067	8.4	7.8	0.028	0.168	7.8	7.95	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/08/80-01/26/93	21	8.1	8.036	8.4	7.8	0.029	0.171	7.8	7.95	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/80-01/26/93	21	0.008	0.009	0.016	0.004	0.	0.004	0.005	0.006	0.011	0.016
00405	CARBON DIOXIDE (MG/L AS CO2)	10/01/73-07/23/80	17	3.7	4.453	12.	1.4	7.235	2.69	1.64	2.9	5.7	8.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/01/73-05/22/91	34	142.	140.088	190.	100.	394.447	19.861	110.	126.75	151.5	163.
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/73-11/07/90	22	180.	178.909	230.	146.	303.61	17.424	154.6	170.	184.5	200.2
00445	CARBONATE ION (MG/L AS CO3)	10/01/73-11/07/90	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	10/30/74-09/09/81	23	2.1	3.014	12.	0.92	7.115	2.667	1.4	1.6	2.9	7.92
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/30/74-09/09/81	22	1.3	2.125	11.	0.4	6.31	2.512	0.526	0.913	1.85	6.18
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/14/79-01/26/93	23	0.03	0.049	0.15	0.	0.002	0.044	0.007	0.02	0.07	0.126
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/30/74-12/02/92	31	0.01	0.057	0.45	0.	0.01	0.1	0.005	0.01	0.05	0.242
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-01/26/93	9 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/30/74-12/02/92	21	0.01	0.016	0.1	0.	0.	0.021	0.005	0.005	0.02	0.038
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/01/73-08/21/91	15	0.49	0.743	2.2	0.26	0.254	0.504	0.338	0.41	0.93	1.66
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/74-01/26/93	39	1.1	1.812	11.	0.1	4.844	2.201	0.4	0.66	1.6	5.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/30/74-12/02/92	26	0.78	0.837	1.5	0.24	0.107	0.327	0.445	0.568	1.1	1.3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/74-01/26/93	23	0.9	0.878	1.4	0.3	0.086	0.294	0.4	0.7	1.1	1.26
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/30/74-01/26/93	40	0.405	0.911	5.8	0.01	1.636	1.279	0.05	0.13	1.118	2.94
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/77-01/26/93	31	0.02	0.032	0.22	0.	0.002	0.044	0.005	0.01	0.03	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/07/81-01/26/93	17 ##	0.005	0.011	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/30/74-09/09/81	11	11.	16.936	63.	2.5	316.603	17.793	2.54	4.9	27.	56.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/73-02/02/83	25	270.	278.8	370.	200.	1377.667	37.117	232.	255.	305.	324.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/73-02/02/83	24	135.	138.667	200.	80.	1113.971	33.376	99.	110.	160.	195.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/73-01/26/93	39	86.	86.154	120.	62.	176.081	13.27	68.	76.	95.	100.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/73-01/26/93	40	14.	14.433	24.	7.4	21.878	4.677	8.9	10.25	17.75	21.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/73-01/26/93	39	120.	122.205	210.	41.	1256.009	35.44	79.	99.	140.	160.
00931	SODIUM ADSORPTION RATIO	10/01/73-02/02/83	25	3.3	3.056	3.9	1.1	0.446	0.668	2.08	2.7	3.5	3.8
00932	SODIUM, PERCENT	10/01/73-02/02/83	25	48.	46.32	54.	24.	40.81	6.388	38.4	43.5	51.	51.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/73-01/26/93	39	6.2	6.182	8.3	3.2	1.133	1.064	4.9	5.4	6.8	7.5
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/73-01/26/93	40	66.5	76.75	200.	17.	1659.218	40.733	40.	50.	95.	137.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/73-01/26/93	39	280.	286.41	400.	170.	3144.669	56.077	220.	240.	330.	360.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/74-01/26/93	38	1.3	1.245	1.9	0.1	0.126	0.355	0.8	1.	1.4	1.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/26/93	39	23.	22.385	31.	15.	15.769	3.971	16.	20.	25.	28.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/30/74-08/21/91	26	7.	6.615	12.	1.	8.886	2.981	2.7	4.	9.	11.
01002	ARSENIC, TOTAL (UG/L AS AS)	10/30/74-08/04/82	14	12.5	16.214	40.	4.	115.412	10.743	5.	7.75	24.5	35.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/22/77-01/26/93	26	88.5	102.577	300.	50.	3118.894	55.847	50.	71.5	112.5	200.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/21/91	12 ##	0.25	0.588	2.	0.25	0.35	0.591	0.25	0.25	0.65	1.88
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/30/74-08/21/91	26 ##	0.5	0.788	3.	0.	0.423	0.651	0.35	0.5	1.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/30/74-08/04/82	14 ##	1.5	4.25	10.	0.	20.798	4.56	0.	0.375	10.	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/30/74-08/21/91	26 ##	0.5	1.654	10.	0.	10.455	3.233	0.	0.	0.625	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/30/74-08/04/82	14	15.	34.643	140.	0.	2063.324	45.424	0.	0.	65.	125.
01035	COBALT, DISSOLVED (UG/L AS CO)	10/30/74-01/26/93	28 ##	1.5	1.304	5.	0.	0.895	0.946	0.	1.	1.5	1.55
01037	COBALT, TOTAL (UG/L AS CO)	10/30/74-08/04/82	14	15.5	34.036	150.	0.	1829.249	42.77	0.	2.375	52.75	112.5
01040	COPPER, DISSOLVED (UG/L AS CU)	10/30/74-08/21/91	26	2.	1.962	7.	0.	2.958	1.72	0.35	0.875	2.	5.3
01042	COPPER, TOTAL (UG/L AS CU)	10/30/74-08/04/82	14	15.5	40.	130.	1.	1967.231	44.353	2.	8.5	84.25	115.
01045	IRON, TOTAL (UG/L AS FE)	10/30/74-08/04/82	14	9750.	24427.857	130000.	590.	1521565018.132	39007.243	795.	4625.	22000.	113500.
01046	IRON, DISSOLVED (UG/L AS FE)	10/30/74-01/26/93	28	14.5	177.5	3400.	1.5	433477.648	658.39	4.65	6.25	36.75	181.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/30/74-08/21/91	26 ##	0.75	1.462	6.	0.	2.638	1.624	0.	0.375	2.5	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: 6/10 to 10/31 - Station AMIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	10/30/74-08/04/82	14	84.	76.571	210.	2.	4798.571	69.272	4.5	9.75	105.	205.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/30/74-08/04/82	14	425.	1384.286	6600.	30.	3798810.989	1949.054	35.	190.	2550.	5300.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/30/74-01/26/93	28 ##	2.	5.375	50.	0.	108.493	10.416	0.5	0.5	5.	20.5
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-01/26/93	14 ##	5.	5.714	10.	5.	3.297	1.816	5.	5.	5.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/30/74-01/26/93	21	1.	2.214	16.	0.	11.514	3.393	0.1	0.5	3.	4.
01075	SILVER, DISSOLVED (UG/L AS AG)	06/22/77-01/26/93	26 ##	0.5	0.288	0.5	0.	0.063	0.252	0.	0.	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/30/74-01/26/93	16	1550.	1525.	2000.	1000.	92666.667	304.412	1070.	1300.	1800.	1930.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-01/26/93	14	9.	9.286	16.	3.	13.758	3.709	3.	7.	12.25	14.5
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/30/74-08/21/91	26	10.	23.731	150.	0.	1441.605	37.968	0.	1.5	28.5	82.4
01092	ZINC, TOTAL (UG/L AS ZN)	10/30/74-08/04/82	14	90.	208.571	720.	0.	64305.495	253.585	10.	35.	405.	715.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/30/74-01/26/93	16	20.	40.	290.	5.	5083.333	71.297	5.	5.	45.	157.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/30/74-01/26/93	16	72.	69.688	96.	44.	321.429	17.928	45.4	50.75	85.75	92.5
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/30/74-01/26/93	27	1.	1.5	4.	0.5	0.731	0.855	0.5	1.	2.	3.
01147	SELENIUM, TOTAL (UG/L AS SE)	10/30/74-08/04/82	14	2.	2.786	8.	1.	4.335	2.082	1.	1.	4.	7.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/26/93	34	450.	1576.118	8000.	18.	5177695.986	2275.455	32.	180.	2625.	5200.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/26/93	34	2.653	2.676	3.903	1.255	0.587	0.766	1.505	2.246	3.415	3.711
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			473.911								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-01/26/93	34	520.	1707.618	8800.	13.	4944201.455	2223.556	48.	212.5	2825.	4700.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-01/26/93	34	2.715	2.766	3.944	1.114	0.569	0.755	1.675	2.298	3.45	3.672
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			584.104								
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/30/74-01/26/93	38	709.5	716.395	1070.	458.	21881.002	147.922	539.4	598.	816.	916.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/73-02/02/83	24	703.	697.542	889.	502.	10313.65	101.556	545.	615.75	767.75	828.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/30/74-02/02/83	25	2340.	4208.248	16300.	53.2	19314610.771	4394.839	922.2	1320.	6150.	13560.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/73-02/02/83	25	0.99	0.959	1.24	0.63	0.025	0.157	0.728	0.82	1.09	1.14
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/30/74-08/25/92	39	98.	94.359	100.	50.	91.184	9.549	85.	91.	100.	100.
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/30/74-09/09/81	23	9.1	13.361	54.	4.1	142.149	11.923	6.	7.	13.	34.8
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/30/74-08/21/91	26 ##	0.05	0.1	0.25	0.	0.007	0.082	0.05	0.05	0.2	0.25
71900	MERCURY, TOTAL (UG/L AS HG)	10/30/74-08/04/82	14 ##	0.225	0.275	0.9	0.05	0.067	0.259	0.05	0.088	0.263	0.85
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/30/74-08/25/92	39	1020.	2948.385	15700.	57.	16255632.138	4031.827	212.	433.	3620.	11000.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/30/74-08/04/82	25	5880.	34823.52	376000.	18.	7791393351.177	88268.87	125.6	1640.	19500.	149780.

** - Less than 9 observations ## - Computed 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 6/09 - Station AMIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/30/74-01/26/93	63	16.	17.484	28.5	3.5	29.524	5.434	11.7	13.5	22.	25.6
00025	BAROMETRIC PRESSURE (MM OF HG)	10/27/82-01/26/93	25	735.	735.6	748.	726.	29.75	5.454	730.	731.	739.	744.4

** - 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 6/09 - Station AMIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/01/76-01/26/93	52	953.	1512.308	6900.	399.	2202564.766	1484.104	505.6	691.25	1612.5	4211.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/78-01/26/93	44	56.	162.734	1600.	0.9	79533.696	282.017	7.	22.25	185.	460.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/73-01/26/93	63	1230.	1270.556	1840.	780.	58076.219	240.99	966.8	1100.	1410.	1636.
00300	OXYGEN, DISSOLVED MG/L	10/30/74-01/26/93	62	9.2	9.484	12.8	7.5	1.397	1.182	8.2	8.6	10.2	11.47
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/30/74-02/02/83	38	96.5	97.553	128.	71.	98.308	9.915	84.9	92.75	100.25	109.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/30/74-01/26/93	62	1.2	1.552	5.3	0.3	1.323	1.15	0.53	0.775	1.9	3.48
00400	PH (STANDARD UNITS)	10/01/73-01/26/93	63	7.9	7.925	8.5	7.1	0.111	0.333	7.44	7.8	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/01/73-01/26/93	63	7.9	7.787	8.5	7.1	0.13	0.361	7.44	7.8	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/73-01/26/93	63	0.013	0.016	0.079	0.003	0.	0.016	0.004	0.006	0.016	0.037
00403	PH, LAB, STANDARD UNITS SU	10/08/80-01/26/93	33	8.	7.97	8.3	7.6	0.042	0.204	7.64	7.8	8.15	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/08/80-01/26/93	33	8.	7.922	8.3	7.6	0.044	0.21	7.64	7.8	8.15	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/80-01/26/93	33	0.01	0.012	0.025	0.005	0.	0.006	0.006	0.007	0.016	0.023
00405	CARBON DIOXIDE (MG/L AS CO2)	10/01/73-07/23/80	29	4.	6.697	28.	1.9	40.84	6.391	2.3	2.85	7.05	20.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/01/73-05/22/91	57	160.	154.754	189.	0.	1062.224	32.592	134.6	151.5	170.	177.4
00440	BICARBONATE ION (MG/L AS HCO3)	10/01/73-11/07/90	42	199.5	196.881	230.	133.	330.937	18.192	180.	189.5	209.25	219.7
00445	CARBONATE ION (MG/L AS CO3)	10/01/73-11/07/90	42	0.	0.262	5.	0.	1.174	1.083	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	10/30/74-09/09/81	33	1.5	1.502	4.7	0.57	0.499	0.706	0.822	1.05	1.7	1.96
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/30/74-09/09/81	34	0.515	0.609	3.6	0.	0.351	0.593	0.18	0.308	0.735	0.96
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/14/79-01/26/93	39	0.03	0.026	0.11	0.	0.	0.021	0.005	0.01	0.035	0.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/30/74-12/02/92	53	0.02	0.026	0.19	0.	0.001	0.033	0.005	0.01	0.03	0.056
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/19/86-01/26/93	20 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.019
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/30/74-12/02/92	30	0.01	0.013	0.05	0.005	0.	0.011	0.005	0.005	0.02	0.03
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/01/73-08/21/91	23	0.37	0.429	0.88	0.21	0.033	0.182	0.23	0.28	0.57	0.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/30/74-01/26/93	63	0.6	0.761	4.5	0.05	0.537	0.733	0.274	0.4	0.9	1.12
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/30/74-12/02/92	39	0.88	0.822	1.4	0.07	0.076	0.276	0.49	0.67	0.98	1.2
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/74-01/26/93	39	0.8	0.726	1.2	0.05	0.092	0.304	0.3	0.5	1.	1.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/30/74-01/26/93	63	0.06	0.15	1.9	0.005	0.093	0.305	0.01	0.03	0.13	0.306
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/77-01/26/93	52	0.008	0.018	0.36	0.	0.003	0.05	0.	0.005	0.01	0.037
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/07/81-01/26/93	29 ##	0.005	0.014	0.07	0.005	0.	0.016	0.005	0.005	0.02	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/30/74-09/09/81	17	3.8	4.694	11.	1.4	6.853	2.618	1.96	2.55	6.2	9.24
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/73-02/02/83	38	310.	310.789	490.	210.	2342.603	48.4	260.	280.	330.	371.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/01/73-02/02/83	38	150.	152.737	300.	78.	1846.199	42.967	98.8	130.	175.	210.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/73-01/26/93	62	90.	90.758	150.	49.	201.662	14.201	77.	82.	96.5	110.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/73-01/26/93	62	21.	20.055	27.	8.4	20.285	4.504	13.	17.	23.	26.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/73-01/26/93	62	150.	152.484	240.	60.	1427.106	37.777	110.	120.	180.	210.
00931	SODIUM ADSORPTION RATIO	10/01/73-02/02/83	38	3.4	3.408	4.4	1.6	0.332	0.576	2.89	3.	3.825	4.13
00932	SODIUM, PERCENT	10/01/73-02/02/83	38	49.5	48.711	56.	32.	16.968	4.119	44.9	46.	51.25	52.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/73-01/26/93	62	6.1	6.127	8.6	3.2	0.729	0.854	5.3	5.575	6.6	7.24
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/73-01/26/93	62	115.	119.016	250.	18.	2850.508	53.39	58.6	74.	170.	197.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/73-01/26/93	62	315.	313.065	490.	190.	3044.553	55.177	230.	280.	350.	380.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/74-01/26/93	61	1.3	1.331	2.	0.5	0.078	0.278	1.02	1.2	1.5	1.7
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/74-01/26/93	62	23.	21.903	29.	12.	15.63	3.953	15.3	19.75	25.	26.7
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/30/74-08/21/91	28	7.	7.929	15.	2.	12.661	3.558	3.8	5.25	10.	13.2
01002	ARSENIC, TOTAL (UG/L AS AS)	10/30/74-08/04/82	7	8.	8.571	16.	5.	11.952	3.457	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/22/77-01/26/93	32	82.	86.125	200.	50.	677.145	26.022	64.5	71.5	98.25	107.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/27/82-08/21/91	21 ##	0.25	0.36	2.	0.25	0.156	0.395	0.25	0.25	0.25	0.69
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/30/74-08/21/91	28 ##	0.5	0.696	3.	0.	0.395	0.629	0.45	0.5	0.5	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/30/74-08/04/82	7 ##	0.	1.643	10.	0.	13.726	3.705	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/30/74-08/21/91	28 ##	0.5	1.482	10.	0.	6.75	2.598	0.	0.5	1.	5.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/30/74-08/04/82	7	5.	15.714	85.	0.	953.571	30.88	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	10/30/74-01/26/93	32 ##	1.5	1.328	1.5	0.	0.22	0.469	0.15	1.5	1.5	1.5
01037	COBALT, TOTAL (UG/L AS CO)	10/30/74-08/04/82	7	1.	8.286	38.	0.	209.571	14.477	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/30/74-08/21/91	28	1.	1.607	7.	0.	2.877	1.696	0.45	1.	2.	5.1
01042	COPPER, TOTAL (UG/L AS CU)	10/30/74-08/04/82	7	5.	10.714	35.	3.	124.571	11.161	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/30/74-08/04/82	7	1700.	16721.429	75000.	340.	829310747.619	28797.756	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/30/74-01/26/93	32	5.	9.	60.	1.5	126.097	11.229	1.5	4.	8.75	23.4
01049	LEAD, DISSOLVED (UG/L AS PB)	10/30/74-08/21/91	28 ##	1.	1.464	6.	0.	2.184	1.478	0.	0.5	2.5	2.75
01051	LEAD, TOTAL (UG/L AS PB)	10/30/74-08/04/82	7	8.	17.857	81.	1.	816.143	28.568	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/30/74-08/04/82	7	40.	601.429	2700.	20.	1076480.952	1037.536	**	**	**	**

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Seasonal Analysis for Season #2: 11/01 to 6/09 - Station AMIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/30/74-01/26/93	32	1.5	2.109	8.	0.5	3.738	1.933	0.5	0.5	3.	5.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/27/82-01/26/93	25 ##	5.	8.6	20.	5.	24.	4.899	5.	5.	10.	20.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/30/74-01/26/93	29	1.	1.586	8.	0.	2.68	1.637	0.5	0.5	2.	3.
01075	SILVER, DISSOLVED (UG/L AS AG)	06/22/77-01/26/93	32 ##	0.5	0.5	2.	0.	0.129	0.359	0.	0.5	0.5	0.85
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/30/74-01/26/93	25	1800.	1716.	2200.	1100.	83066.667	288.213	1260.	1450.	1900.	2040.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/27/82-01/26/93	25	7.	7.32	14.	3.	12.893	3.591	3.	3.	10.5	12.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/30/74-08/21/91	28	6.	12.839	70.	0.	256.557	16.017	1.5	1.5	20.	34.3
01092	ZINC, TOTAL (UG/L AS ZN)	10/30/74-08/04/82	7	40.	115.714	450.	20.	24895.238	157.782	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/30/74-01/26/93	25 ##	5.	12.4	70.	5.	210.667	14.514	5.	5.	20.	30.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/30/74-01/26/93	25	100.	94.08	120.	39.	438.827	20.948	57.6	85.5	110.	114.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/30/74-01/26/93	32	1.	1.063	2.	0.5	0.206	0.453	0.5	1.	1.	2.
01147	SELENIUM, TOTAL (UG/L AS SE)	10/30/74-08/04/82	7	1.	1.071	2.	0.5	0.202	0.45	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/26/93	55	60.	310.382	3000.	2.	371469.685	609.483	6.	20.	300.	860.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/26/93	55	1.778	1.867	3.477	0.301	0.602	0.776	0.778	1.301	2.477	2.924
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			73.59								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-01/26/93	55	100.	374.127	3100.	6.	431439.261	656.84	12.8	26.	440.	1140.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-01/26/93	55	2.	2.023	3.491	0.778	0.53	0.728	1.104	1.415	2.643	3.043
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			105.399								
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	07/01/75-06/09/82	11 ##	0.	0.005	0.05	0.	0.	0.015	0.	0.	0.	0.04
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.045	0.5	0.	0.023	0.151	0.	0.	0.	0.4
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	07/01/75-06/09/82	11 ##	0.	0.	0.005	0.	0.	0.002	0.	0.	0.	0.004
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/30/74-01/26/93	61	821.	829.377	1210.	532.	23792.905	154.249	636.2	709.	924.	1068.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/01/73-02/02/83	38	791.5	778.421	1220.	524.	17411.331	131.952	619.3	677.75	842.5	935.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/30/74-02/02/83	38	2010.	2301.579	5920.	613.	1979398.304	1406.911	925.	1132.5	3002.5	4283.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/01/73-02/02/83	38	1.06	1.062	1.65	0.72	0.033	0.182	0.856	0.925	1.163	1.261
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/30/74-08/25/92	61	97.	90.82	100.	10.	232.85	15.259	76.4	88.	99.	100.
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/30/74-09/09/81	33	6.6	6.642	21.	2.5	10.055	3.171	3.66	4.6	7.6	8.64
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/30/74-08/21/91	28 ##	0.05	0.075	0.6	0.05	0.011	0.104	0.05	0.05	0.05	0.1
71900	MERCURY, TOTAL (UG/L AS HG)	10/30/74-08/04/82	7	0.1	0.164	0.3	0.05	0.011	0.103	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/30/74-08/25/92	61	153.	535.672	7280.	31.	1285134.691	1133.638	54.4	80.5	412.5	1450.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/30/74-08/04/82	38	247.	2215.421	40100.	44.	52267816.845	7229.648	83.6	131.	1135.	2486.

EPA Water Quality Criteria Analysis for Entire AMIS Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 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.	896 &	136	0.15	325	60	0.18	571	76	0.13						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	396	81	0.20	136	37	0.27	260	44	0.17						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	403	5	0.01	136	5	0.04	267	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2722	124	0.05	1081	115	0.11	1641	9	0.01						
00400	PH	Other-Hi Lim.	9.	3011	9	0.00	1077	3	0.00	1934	6	0.00						
		Other-Lo Lim.	6.5	3011	5	0.00	1077	5	0.00	1934	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	1301	0	0.00	480	0	0.00	821	0	0.00						
		Other-Lo Lim.	6.5	1301	1	0.00	480	0	0.00	821	1	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	204	0	0.00	70	0	0.00	134	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	256	0	0.00	106	0	0.00	150	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1015	4	0.00	384	0	0.00	631	4	0.01						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	357	0	0.00	128	0	0.00	229	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	413	0	0.00	145	0	0.00	268	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2045	132	0.06	759	19	0.03	1286	113	0.09						
		Drinking Water	250.	2045	342	0.17	759	120	0.16	1286	222	0.17						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	263	13	0.05	88	1	0.01	175	12	0.07						
		Drinking Water	250.	263	40	0.15	88	12	0.14	175	28	0.16						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2005	814	0.41	742	280	0.38	1263	534	0.42						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	584	0	0.00	214	0	0.00	370	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	277	0	0.00	118	0	0.00	159	0	0.00						
		Drinking Water	50.	277	0	0.00	118	0	0.00	159	0	0.00						
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	37	0	0.00	19	0	0.00	18	0	0.00						
		Drinking Water	50.	37	0	0.00	19	0	0.00	18	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	77	0	0.00	44	0	0.00	33	0	0.00						
		Drinking Water	50.	77	0	0.00	44	0	0.00	33	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	299	0	0.00	123	0	0.00	176	0	0.00						
01006	BARIUM, SUSPENDED	Drinking Water	2000.	42	1	0.02	22	1	0.05	20	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	61	3	0.05	31	3	0.10	30	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	208	0	0.00	77	0	0.00	131	0	0.00						
		Drinking Water	4.	144 &	2	0.01	53	0	0.00	91	2	0.02						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	277	4	0.01	118	2	0.02	159	2	0.01						
		Drinking Water	5.	277	2	0.01	118	2	0.02	159	0	0.00						
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	26 &	0	0.00	16	0	0.00	10	0	0.00						
		Drinking Water	5.	27 &	0	0.00	17	0	0.00	10	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	62 &	3	0.05	33	1	0.03	29	2	0.07						
		Drinking Water	5.	62 &	2	0.03	33	0	0.00	29	2	0.07						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	277	0	0.00	118	0	0.00	159	0	0.00						
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	39	2	0.05	21	2	0.10	18	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	74	3	0.04	42	3	0.07	32	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	277	0	0.00	118	0	0.00	159	0	0.00						
		Drinking Water	1300.	277	0	0.00	118	0	0.00	159	0	0.00						
01041	COPPER, SUSPENDED	Fresh Acute	18.	42	3	0.07	21	2	0.10	21	1	0.05						
		Drinking Water	1300.	42	0	0.00	21	0	0.00	21	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	73 &	11	0.15	42	8	0.19	31	3	0.10						
		Drinking Water	1300.	75	0	0.00	42	0	0.00	33	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	277	0	0.00	118	0	0.00	159	0	0.00						
		Drinking Water	15.	277	0	0.00	118	0	0.00	159	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	39	2	0.05	21	2	0.10	18	0	0.00						
		Drinking Water	15.	37 &	6	0.16	19	5	0.26	18	1	0.06						
01051	LEAD, TOTAL	Fresh Acute	82.	68 &	4	0.06	37	4	0.11	31	0	0.00						
		Drinking Water	15.	62 &	10	0.16	34	7	0.21	28	3	0.11						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	283	0	0.00	114	0	0.00	169	0	0.00						
		Drinking Water	100.	283	0	0.00	114	0	0.00	169	0	0.00						
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	19	0	0.00	9	0	0.00	10	0	0.00						
		Drinking Water	100.	19	1	0.05	9	1	0.11	10	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	43	0	0.00	20	0	0.00	23	0	0.00						
		Drinking Water	100.	43	2	0.05	20	2	0.10	23	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	299 &	0	0.00	123	0	0.00	176	0	0.00						
		Drinking Water	100.	300	0	0.00	124	0	0.00	176	0	0.00						
01076	SILVER, SUSPENDED	Fresh Acute	4.1	34 &	0	0.00	19	0	0.00	15	0	0.00						
		Drinking Water	100.	36	0	0.00	21	0	0.00	15	0	0.00						

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

EPA Water Quality Criteria Analysis for Entire AMIS Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-6/09 Obs	11/01-6/09 Exceed	11/01-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	64 &	0	0.00	32	0	0.00	32	0	0.00						
		Drinking Water	100.	71	0	0.00	36	0	0.00	35	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	277	5	0.02	118	3	0.03	159	2	0.01						
		Drinking Water	5000.	277	0	0.00	118	0	0.00	159	0	0.00						
01091	ZINC, SUSPENDED	Fresh Acute	120.	45	5	0.11	24	3	0.13	21	2	0.10						
		Drinking Water	5000.	45	0	0.00	24	0	0.00	21	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	75	15	0.20	42	10	0.24	33	5	0.15						
		Drinking Water	5000.	75	0	0.00	42	0	0.00	33	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	303	0	0.00	126	0	0.00	177	0	0.00						
		Drinking Water	50.	303	0	0.00	126	0	0.00	177	0	0.00						
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	41	0	0.00	22	0	0.00	19	0	0.00						
		Drinking Water	50.	41	0	0.00	22	0	0.00	19	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	73	0	0.00	41	0	0.00	32	0	0.00						
		Drinking Water	50.	73	0	0.00	41	0	0.00	32	0	0.00						
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	20	0	0.00	10	0	0.00	10	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	75	18	0.24	35	12	0.34	40	6	0.15						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	54	8	0.15	18	6	0.33	36	2	0.06						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	882	106	0.12	335	51	0.15	547	55	0.10						
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	448	76	0.17	156	40	0.26	292	36	0.12						
39025	SIMAZINE, COULSON CONDUCTIVITY WATER SAM	Drinking Water	4.	13	0	0.00	3	0	0.00	10	0	0.00						
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	34	0	0.00	9	0	0.00	25	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	29	0	0.00	9	0	0.00	20	0	0.00						
		Drinking Water	0.2	29	0	0.00	9	0	0.00	20	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	30	0	0.00	9	0	0.00	21	0	0.00						
		Drinking Water	2.	30	0	0.00	9	0	0.00	21	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	30	0	0.00	9	0	0.00	21	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	30	0	0.00	9	0	0.00	21	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	30	0	0.00	9	0	0.00	21	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	30	0	0.00	9	0	0.00	21	0	0.00						
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	5	0	0.00				5	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	30	0	0.00	9	0	0.00	21	0	0.00						
		Drinking Water	2.	30	0	0.00	9	0	0.00	21	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	29 &	0	0.00	9	0	0.00	20	0	0.00						
		Drinking Water	3.	30	0	0.00	9	0	0.00	21	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	32	0	0.00	9	0	0.00	23	0	0.00						
		Drinking Water	0.4	32	0	0.00	9	0	0.00	23	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	32	0	0.00	9	0	0.00	23	0	0.00						
		Drinking Water	0.2	32	0	0.00	9	0	0.00	23	0	0.00						
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	32	0	0.00	9	0	0.00	23	0	0.00						
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	29 &	0	0.00	9	0	0.00	20	0	0.00						
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	14	0	0.00	4	0	0.00	10	0	0.00						
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	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						
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	20	0	0.00	4	0	0.00	16	0	0.00						
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	19	0	0.00	4	0	0.00	15	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						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	35	0	0.00	10	0	0.00	25	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	275 &	0	0.00	118	0	0.00	157	0	0.00						
		Drinking Water	2.	275 &	0	0.00	118	0	0.00	157	0	0.00						
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	36	0	0.00	21	0	0.00	15	0	0.00						
		Drinking Water	2.	36	0	0.00	21	0	0.00	15	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	78	1	0.01	45	0	0.00	33	1	0.03						
		Drinking Water	2.	78	1	0.01	45	0	0.00	33	1	0.03						
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	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

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 AMIS 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 AMIS Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1861	724	847	290	45
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	1	1	0	0	1
00440	BICARBONATE ION (MG/L AS HCO3)	536	83	255	198	17
00445	CARBONATE ION (MG/L AS CO3)	536	82	255	199	17
		2934	890	1357	687	80 (45)[1]

pH		Total Obs.	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	3225	1097	1381	747	52
00403	PH, LAB (STANDARD UNITS)	1301	398	597	306	38
		4526	1495	1978	1053	90 (52)[1]

Conductivity		Total Obs.	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	2583	691	1070	822	40
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2198	602	955	641	49
00480	SALINITY - PARTS PER THOUSAND	20	20	0	0	9
		4801	1313	2025	1463	98 (52)[1]

Dissolved Oxygen		Total Obs.	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	403	0	272	131	7
00300	OXYGEN, DISSOLVED (MG/L)	2722	964	1034	724	40
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	231	42	186	3	13
		3356	1006	1492	858	60 (40)[1]

Water Temperature		Total Obs.	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	3695	1183	1496	1016	51
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	1900	59	1019	822	23
		5595	1242	2515	1838	74 (51)[1]

Flow		Total Obs.	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00060	FLOW, STREAM, MEAN DAILY CFS	126	5	110	11	9
00061	FLOW, STREAM, INSTANTANEOUS CFS	1376	616	660	100	22
00065	STAGE, STREAM (FEET)	5	0	5	0	1
74069	FLOW, ESTIMATED STREAM, CFS	8	7	1	0	4
		1515	628	776	111	36 (25)[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.

Clarity/Turbidity		Total Obs.	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	897	0	378	519	26
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	396	224	172	0	6
00077	TRANSPARENCY, SECCHI DISC (INCHES)	359	146	194	19	28
00078	TRANSPARENCY, SECCHI DISC (METERS)	124	124	0	0	9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	997	358	449	190	29
		2773	852	1193	728	98 (40)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	137	0	134	3	3
00602	NITROGEN, DISSOLVED (MG/L AS N)	45	0	45	0	3
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	136	0	133	3	3
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	45	0	45	0	3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	383	231	152	0	9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1476	558	625	293	41
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	1	1	0	0	1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	1108	265	548	295	38
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	112	6	97	9	7
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	690	308	271	111	28
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	357	64	173	120	22
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	518	241	244	33	10
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	46	0	46	0	3
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	70	0	70	0	3
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	36	0	0	36	7
		5160	1674	2583	903	181 (51)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	654	21	443	190	26
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	600	21	472	107	24
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1603	571	731	301	41
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	430	226	204	0	6
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1292	481	597	214	43
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	57	57	0	0	6
		4636	1377	2447	812	146 (44)[1]

Chlorophyll		Total Obs.	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	694	242	367	85	20
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	19	0	0	19	5
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	3	0	3	0	2
32230	CHLOROPHYLL A (MG/L)	160	0	93	67	9
		876	242	463	171	36 (36)[1]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	590	13	380	197	18
00945	SULFATE, TOTAL (MG/L AS SO4)	2219	807	939	473	44
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	934	391	512	31	36
		3743	1211	1831	701	98 (44)[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 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	75	0	61	14	14
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	54	0	0	54	9
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	882	315	532	35	25
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	448	226	222	0	6
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	448	226	222	0	6
		1907	767	1037	103	60 (28)[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 07/08/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01000	ARSENIC, DISSOLVED (UG/L AS AS)	277	156	119	2	7
01001	ARSENIC, SUSPENDED (UG/L AS AS)	37	0	37	0	3
01002	ARSENIC, TOTAL (UG/L AS AS)	77	2	70	5	14
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	208	155	53	0	6
01025	CADMIUM, DISSOLVED (UG/L AS CD)	277	156	119	2	7
01026	CADMIUM, SUSPENDED (UG/L AS CD)	28	0	28	0	3
01027	CADMIUM, TOTAL (UG/L AS CD)	77	2	70	5	14
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	277	156	119	2	7
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	39	0	39	0	3
01034	CHROMIUM, TOTAL (UG/L AS CR)	74	2	68	4	11
01040	COPPER, DISSOLVED (UG/L AS CU)	277	156	119	2	7
01041	COPPER, SUSPENDED (UG/L AS CU)	42	0	42	0	3
01042	COPPER, TOTAL (UG/L AS CU)	75	2	68	5	12
01049	LEAD, DISSOLVED (UG/L AS PB)	277	156	119	2	7
01050	LEAD, SUSPENDED (UG/L AS PB)	39	0	39	0	3
01051	LEAD, TOTAL (UG/L AS PB)	76	2	70	4	13
71890	MERCURY, DISSOLVED (UG/L AS HG)	277	156	119	2	7
71895	MERCURY, SUSPENDED (UG/L AS HG)	36	0	36	0	3
71900	MERCURY, TOTAL (UG/L AS HG)	78	2	71	5	15
01065	NICKEL, DISSOLVED (UG/L AS NI)	283	186	95	2	7
01066	NICKEL, SUSPENDED (UG/L AS NI)	19	0	19	0	3
01067	NICKEL, TOTAL (UG/L AS NI)	43	2	39	2	11
01145	SELENIUM, DISSOLVED (UG/L AS SE)	303	186	115	2	7
01146	SELENIUM, SUSPENDED (UG/L AS SE)	41	0	41	0	3
01147	SELENIUM, TOTAL (UG/L AS SE)	73	2	67	4	11
01075	SILVER, DISSOLVED (UG/L AS AG)	300	186	114	0	7
01076	SILVER, SUSPENDED (UG/L AS AG)	36	0	36	0	3
01077	SILVER, TOTAL (UG/L AS AG)	71	2	67	2	9
01090	ZINC, DISSOLVED (UG/L AS ZN)	277	156	119	2	7
01091	ZINC, SUSPENDED (UG/L ZN)	45	0	45	0	3
01092	ZINC, TOTAL (UG/L AS ZN)	75	2	68	5	12
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (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)	34	1	33	0	5
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	29	0	29	0	2
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	3	1	0	2	3
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	30	1	29	0	3
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	32	1	29	2	5
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	32	1	29	2	5
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	30	1	29	0	3
		4458	1838	2555	65	273 (15)[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	2934	890	30.3	45	60.0	65.2	10/01/64-07/08/93	102.0
pH	4526	1495	33.0	52	69.3	87.0	10/01/64-07/08/93	157.3
Conductivity	4801	1313	27.3	52	69.3	92.3	10/01/64-07/08/93	166.9
Dissolved Oxygen	3356	1006	30.0	40	53.3	83.9	09/11/68-07/08/93	135.2
Water Temperature	5595	1242	22.2	51	68.0	109.7	01/10/67-07/08/93	211.2
Flow	1515	628	41.5	25	33.3	60.6	10/01/64-07/07/93	52.7
Clarity/Turbidity	2773	852	30.7	40	53.3	69.3	12/11/68-07/08/93	112.8
Nitrate/Nitrogen	5160	1674	32.4	51	68.0	101.2	10/01/64-07/08/93	179.4
Phosphate/Phosphorus	4636	1377	29.7	44	58.7	105.4	04/11/72-07/08/93	218.2
Chlorophyll	876	242	27.6	36	48.0	24.3	04/11/72-07/08/93	41.2
Sulfates/Total Dissolved Solids/Hardness	3743	1211	32.4	44	58.7	85.1	10/01/64-07/08/93	130.1
Bacteria	1907	767	40.2	28	37.3	68.1	03/14/72-07/08/93	89.4
Toxic Elements	4458	1838	41.2	15	20.0	297.2	04/01/73-07/08/93	219.9

Water Quality Observations
Outside STORET Edit Criteria for AMIS

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
AMIS0019	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	740327	1525	117.0000000	21TEXWR	23090100	
AMIS0019	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	780207	1500	219.0000000	21TEXWR	23090100	
AMIS0023	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	740327	1525	117.0000000	21TXWQB	13237	
AMIS0023	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	780207	1500	219.0000000	21TXWQB	13237	
AMIS0034	00745	SULFIDE, TOTAL (MG/L AS S)	850220	1055	85000.0000000	112WRD	08450900	
AMIS0047	00403	PH, LAB, STANDARD UNITS SU	850206	1120	83.0000000	112WRD	292730101032600	x
AMIS0074	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	700603	0100	176.0000000	21TXWQB	13240	x
AMIS0074	00945	SULFATE, TOTAL (MG/L AS SO4)	700306	0100	2770.0000000	21TXWQB	13240	
AMIS0074	00945	SULFATE, TOTAL (MG/L AS SO4)	700413	0100	2800.0000000	21TXWQB	13240	
AMIS0079	00340	COD, .25N K2CR2O7 MG/L	750609	1500	2240.0000000	21TEXWR	23060100	
AMIS0079	00340	COD, .25N K2CR2O7 MG/L	760817	1225	2820.0000000	21TEXWR	23060100	
AMIS0081	71900	MERCURY, TOTAL (UG/L AS HG)	730401		50.0000000	21TEXWR	2306AB08	
AMIS0083	00070	TURBIDITY, (JACKSON CANDLE UNITS)	780821	1315	2200.0000000	21TXWQB	13223	
AMIS0083	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	811007	1440	6600.0000000	21TXWQB	13223	
AMIS0083	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	820609	1310	1600.0000000	21TXWQB	13223	
AMIS0083	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	831012	1430	2900.0000000	21TXWQB	13223	
AMIS0083	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	850807	1250	2000.0000000	21TXWQB	13223	
AMIS0083	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	860611	1030	5000.0000000	21TXWQB	13223	
AMIS0083	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	880803	1450	1400.0000000	21TXWQB	13223	
AMIS0083	00340	COD, .25N K2CR2O7 MG/L	750609	1500	2240.0000000	21TXWQB	13223	
AMIS0083	00340	COD, .25N K2CR2O7 MG/L	760817	1225	2820.0000000	21TXWQB	13223	
AMIS0083	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	860625	1545	1121.0000000	21TXWQB	13223	
AMIS0083	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	790820	1225	10260.0000000	21TXWQB	13223	
AMIS0083	01007	BARIUM, TOTAL (UG/L AS BA)	811007	1440	2800.0000000	21TXWQB	13223	
AMIS0084	00070	TURBIDITY, (JACKSON CANDLE UNITS)	750730	1045	3400.0000000	112WRD	08377200	
AMIS0084	00070	TURBIDITY, (JACKSON CANDLE UNITS)	780607	1430	3800.0000000	112WRD	08377200	
AMIS0084	00070	TURBIDITY, (JACKSON CANDLE UNITS)	780809	1430	4200.0000000	112WRD	08377200	
AMIS0084	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	810708	1315	3300.0000000	112WRD	08377200	
AMIS0084	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	810805	1440	4100.0000000	112WRD	08377200	
AMIS0084	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	810909	1330	8500.0000000	112WRD	08377200	
AMIS0084	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	811007	1440	6600.0000000	112WRD	08377200	
AMIS0084	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	820609	1310	1600.0000000	112WRD	08377200	
AMIS0084	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	850807	1250	2000.0000000	112WRD	08377200	
AMIS0084	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	860611	1030	5000.0000000	112WRD	08377200	
AMIS0084	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	880803	1450	1400.0000000	112WRD	08377200	
AMIS0084	01007	BARIUM, TOTAL (UG/L AS BA)	770823	1200	2200.0000000	112WRD	08377200	
AMIS0084	01007	BARIUM, TOTAL (UG/L AS BA)	811007	1440	2800.0000000	112WRD	08377200	
AMIS0084	01045	IRON, TOTAL (UG/L AS FE)	770823	1200	97000.0000000	112WRD	08377200	
AMIS0084	01045	IRON, TOTAL (UG/L AS FE)	780607	1430	75000.0000000	112WRD	08377200	
AMIS0084	01045	IRON, TOTAL (UG/L AS FE)	780809	1430	130000.0000000	112WRD	08377200	
AMIS0084	01055	MANGANESE, TOTAL (UG/L AS MN)	780809	1430	6600.0000000	112WRD	08377200	

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) AMISTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) AMISSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) AMISAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) AMISAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) AMISOV0.DOC - Overview of park and retrieved data.

(e) AMISOV1.DOC - Station period of record table.

(f) AMISOV2.DOC - Parameter period of record table.

(g) AMISOV3.DOC - Station/parameter period of record table.

(h) AMISINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) AMISSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) AMISEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) AMISIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) AMISBAD.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 AMISOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\AMISOV1.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) AMISFIGS.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 AMIS0001. 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 AMIS0001) 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) AMISPARM.ZIP

This file compresses AMISPARM.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) AMISSITE.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) AMISWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) AMISIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) AMISDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) AMISGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) AMISDAMS.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) AMISMISC.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) AMISEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) AMISTOC.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) AMISREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) AMISWQ - 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 (AMISWQA, AMISWQB, AMISWQC, etc.) and the index map name will end with an ampersand (&).

(g) AMISIDG - 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 (AMISIDGA, AMISIDGB, AMISIDGC, 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) AMISSEHY - 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 AMISFIGS.ZIP and AMISTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in AMISMISC.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) AMISRF3.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) AMISWQMW.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: AMISPARM.DBF in AMISPARM.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: AMISPARM.DBF in AMISPARM.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: AMISPARM.DBF in AMISPARM.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: AMISWQ.DBF in AMISSITE.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: AMISWQ.DBF in AMISSITE.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: AMISIFD.DBF in AMISSITE.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: AMISIFD.DBF in AMISSITE.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: AMISIFD.DBF in AMISSITE.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: AMISDRIN.DBF in AMISSITE.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: AMISDRIN.DBF in AMISSITE.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: AMISDRIN.DBF in AMISSITE.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: AMISGAGE.DBF in AMISSITE.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: AMISGAGE.DBF in AMISSITE.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: AMISDAMS.DBF in AMISSITE.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: AMISDAMS.DBF in AMISSITE.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: AMISDAMS.DBF in AMISSITE.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: AMISDAMS.DBF in AMISSITE.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 AMISRF3.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 AMISRF3.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 AMISRF3.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 AMISRF3.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 AMISRF3.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 AMISRF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20c			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20c			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20c			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020c			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20c			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[l]	TURBIDITY, FIELD	NTU	Physical
	82079				50[l]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
STORET Code	**Conductivity Parameter Group**	**C.A.S. Number**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
STORET Code	**Dissolved Oxygen Parameter Group**	**C.A.S. Number**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
STORET Code	**pH Parameter Group**	**C.A.S. Number**
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (µEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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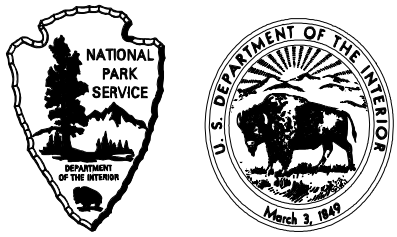
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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

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