Baseline Water Quality Data

Inventory and Analysis

De Soto National Memorial



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

DE SOTO NATIONAL MEMORIAL

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 De Soto National Memorial (DESO) 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 surface water quality data for all units of the National Park System containing significant water resources. The primary goal of the project is to provide descriptive water quality information in a manner and format that is both consistent with the goals of the Servicewide Inventory and Monitoring Program and useable by park resource managers. The document provides: (1) a complete inventory of all retrieved water quality parameter data, water quality stations, and the entities responsible for the data collection; (2) descriptive statistics and appropriate graphical plots of water quality data characterizing period of record, annual, and seasonal central tendencies and trends; (3) a comparison of the park's water quality data to relevant EPA and WRD water quality screening criteria; and (4) an Inventory Data Evaluation and Analysis (IDEA) to determine what Servicewide Inventory and Monitoring Program "Level I" water quality parameters have been measured within the study area. Accompanying the report are disks containing digital copies of all data used in the report, as well as all components of the report (tables, figures, etc.).

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located one industrial/municipal discharger; no drinking water intakes; no water gages; and no water impoundments. The results of the STORET retrieval for the study area yielded 55,997 observations for 274 separate parameters collected by the U.S. Geological Survey, Florida Department of Environmental Protection (FDEP), Southwest Florida Water Management District, Manatee County Department of Environmental Management, and Mote Marine Laboratory at 74 monitoring stations from 1966 through 1998. Approximately 76 percent of the 55,997 observations within the study area were collected by the FDEP from 1966 through 1998. No monitoring stations were located within the park boundary.

Some of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Forty-six stations within the study area yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the study area are: (1) Manatee River Entrance near DESO (DESO 0034); (2) Palma Sola Bay at the State Route 64 Bridge (DESO 0041); (3) Terra Ceia Bay Entrance at Gus Landing (DESO 0014); (4) Palmetto sewage outfall 500 yards north of Gus Landing in Terra Ceia Bay (DESO 0009); and (5) Warner West Bayou at the Riverview Boulevard Bridge (DESO 0019)[†].

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 DESO water quality criteria screen found eight groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, and chloride exceeded their respective EPA criteria for the protection of freshwater aquatic life. Dissolved oxygen, pH, and copper exceeded their respective EPA criteria for the protection of marine aquatic life. Chloride and fluoride exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater and marine bathing and aquatic life, respectively.

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

Dissolved oxygen concentrations were measured 3,072 times at 51 monitoring stations from 1967 through 1998. Ninety-seven concentrations at 25 stations were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of aquatic life from 1969 through 1997.

The pH was measured 3,791 times at 50 monitoring stations from 1967 through 1998. Three-hundred-seventy-seven observations at 30 stations were outside the pH range of 6.5 to 8.5 standard units (SU) (EPA chronic criteria for marine aquatic life) or 6.5 to 9.0 SU (EPA chronic criteria for freshwater aquatic life) from 1967 through 1998. Three-hundred-sixty-five observations at 25 estuary stations were greater than or equal to pH 8.5. Two observations at two stream stations, in Warner West Bayou at the Riverside Boulevard Bridge (DESO 0019) and Manatee River Entrance near DESO (DESO 0034), were greater than or equal to pH 9.0 during 1985 and 1972, including the highest pH of 9.51 SU (DESO 0019) in June 1985[††]. Ten observations at seven stations, in bayous near West Bradenton (DESO 0006, DESO 0015, DESO 0019), Manatee River (DESO 0013, DESO 0018, DESO 0034), and Palma Sola Bay (DESO 0030), were less than or equal to pH 6.5 from 1983 through 1987. Approximately 54 percent of the observations exceeding the criteria were reported at five estuary stations near the Manatee River-Terra Ceia Bay Cut (DESO 0008, DESO 0009, DESO 0011, DESO 0013, DESO 0014) from 1967 through 1996. The lowest pH of 5.9 SU was reported at Manatee River Entrance near DESO (DESO 0034) in July 1987.

Turbidity concentrations were measured 1,861 times at 46 monitoring stations from 1967 through 1998. Thirty-nine observations at nine stations, in Terra Ceia Bay (DESO 0008, DESO 0022, DESO 0028), Manatee River (DESO 0034, DESO 0039, DESO 0040), Tampa Bay (DESO 0021, DESO 0061), and Perico Bayou at Mead Point (DESO 0062), equaled or exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1986 through 1997. The highest observation of 280 NTU was reported in Tampa Bay at Rattlesnake Key Shoreline (DESO 0021) in April 1992.

Total coliform concentrations were measured 1,645 times at 21 monitoring stations from 1967 through 1991. Of the 1,644 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 379 concentrations at nine stations, in Palma Sola Bay (DESO 0030, DESO 0048, DESO 0049), bayous near West Bradenton (DESO 0006, DESO 0015, DESO 0019), and Terra Ceia Bay (DESO 0007, DESO 0009, DESO 0011), exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1968 through 1987. The highest concentration of 17,000 MPN/100 ml was reported in McLewis Bayou at the Riverview Boulevard Bridge (DESO 0006) in June 1970. Fecal coliform concentrations were measured 1,931 times at 13 monitoring stations from 1969 through 1992. Of the 1,928 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 525 observations at eight stations, in Palma Sola Bay (DESO 0030, DESO 0048), bayous near West Bradenton (DESO 0006, DESO 0015, DESO 0019), and Terra Ceia Bay (DESO 0007, DESO 0009, DESO 0011), exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1969 through 1987. Approximately 56 percent of the observations exceeding the criterion were reported at three stations in bayous near West Bradenton (DESO 0006, DESO 0015, DESO 0019) from 1969 through 1987, including the highest concentration of 3,300 MPN/100 ml reported twice in McLewis Bayou at the Riverview Boulevard Bridge (DESO 0006) in June 1970.

[††]Water quality criteria applied to the data at a particular station are based on the collecting agency's classification of the station (i.e. station type) in STORET. Some agencies and/or programs have classified stations near the same location differently. For example, the lower Manatee River is the site of both marine (DESO 0014, DESO 0018, DESO 0039) and non-marine (DESO 0015, DESO 0019, DESO 0034) stations. Consequently, both marine and freshwater criteria are applied near the location.

Total chloride concentrations were measured 446 times at 11 monitoring stations from 1967 through 1992. Of the 332 observations used in the criteria analysis[†††], all 332 observations at two stations, Manatee River Entrance near DESO (DESO 0034) and Palma Sola Bay at the State Route 64 Bridge (DESO 0041), exceeded the secondary drinking water criterion of 250 mg/L and the acute freshwater criterion of 860 mg/L from 1967 through 1987. The highest concentration of 23,710 mg/L was reported in Palma Sola Bay at the State Route 64 Bridge (DESO 0041) in June 1971.

Fluoride concentrations (including dissolved and total) were measured 431 times at seven monitoring stations from 1967 through 1992. Of the 328 observations used in the criteria analysis[†††], seven concentrations ranging from 4.1 mg/L to 5.4 mg/L at Manatee River Entrance near DESO (DESO 0034) exceeded the drinking water criterion of 4 mg/L from 1967 through 1976. The highest concentration of 5.4 mg/L was reported in August 1967.

Dissolved copper concentrations were measured twice at two marine stations in Tampa Bay (DESO 0035, DESO 0064) during 1971. One concentration of 30 micrograms per liter (µg/L) in Tampa Bay north of Perico Island (DESO 0064) exceeded the acute marine criterion of 2.9 µg/L in October 1971.

The IDEA conducted for DESO indicates that STORET data exist for all 13 Level I parameter groups in the study area. No observations for the parameter group Toxic Elements were recorded since 1971. For the parameter groups Alkalinity, Sulfates/Total Dissolved Solids/Hardness, and Bacteria, less than 13 percent of the observations were recorded since 1985. Overall, approximately 52 percent of the observations for Level I parameter groups were recorded since 1985. Data for the groups Alkalinity, Flow, Chlorophyll, Sulfates/Total Dissolved Solids/Hardness, Bacteria, and Toxic Elements were recorded at less than half of the 74 monitoring stations. Relative to other parameter groups, data were limited for the groups Alkalinity and Toxic Elements. Results for six of the 126 EPA priority toxic pollutants (consisting of metals only) were retrieved from STORET.

Surface water resources in the DESO study area include portions of the Intracoastal Waterway; Tampa, Terra Ceia, Palma Sola, and many other bays; the Manatee River; Critical, McLewis, Perico, and other bayous; many streams; stormwater ditches; numerous tidal flats, marshes, and estuaries; and some ponds. Many of these water resources are influenced by tidal flow and contain fresh and saline waters in transition. Based on the data inventories and analyses contained in this report, surface water quality within the study area appears to have been impacted by human activities. Potential anthropogenic sources of contaminants include municipal and industrial wastewater discharges; commercial and residential development; stormwater runoff; marine traffic; recreational use; and atmospheric deposition.

[†††]Water quality observations collected at marine stations were excluded from the criteria analysis due to the absence of applicable marine criteria for this parameter; however observations collected at tidally influenced riverine stations may have been included. Depending on tidal conditions at the time of measurement, comparisons of data from tidally influenced riverine stations against the chloride and fluoride drinking water or acute freshwater criteria may not be appropriate.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

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

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

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

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

Clint Bassett, Amy Benton, Josh Johnson, and Scott Ratchford helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Scott Ratchford, Valdete Celaj, Sonny Emmert, Chris Woodward, and Nils Babel provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor, Ryan Shy, Adriane Petersen, Ronda Burns, and Melanie Schnier uploaded water quality data to STORET prior to report preparation.

Jacquie Nolan designed the cover.

Horizon Systems:

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

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

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

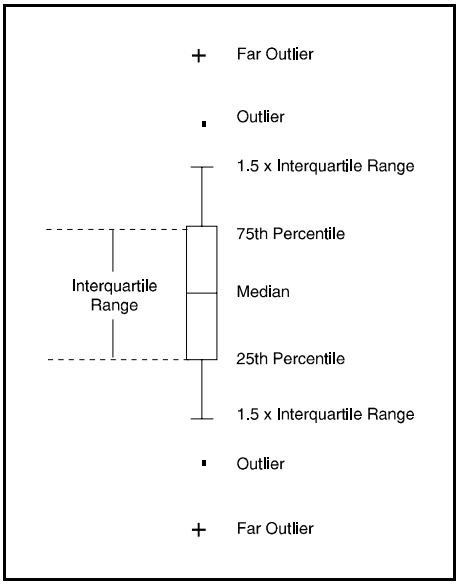
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR DESO

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:	23317	25
# STORET Stations:	74	0
# Stations With No Data:	0	0
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	46	0
Date of STORET Retrieval:	12/15/99	12/15/99
Period of Record:	12/12/66-11/16/98	No Data in Park
# Parameters Measured:	274	0
# Water Quality Observations:	55997	0
# Industrial/Municipal Facilities:	1	0
# Drinking Water Intakes:	0	0
# Water Gages:	0	0
# Water Impoundments:	0	0
# Total Plots:	121	0
# Time Series:	60	0
# Annual:	29	0
# Seasonal:	32	0

Hydrologic Definition of Seasons:

1. August 1 - October 19
2. October 20 - April 30
3. May 1 - July 31

Time Series Plot Criteria:

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

Annual Analysis Criteria:

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

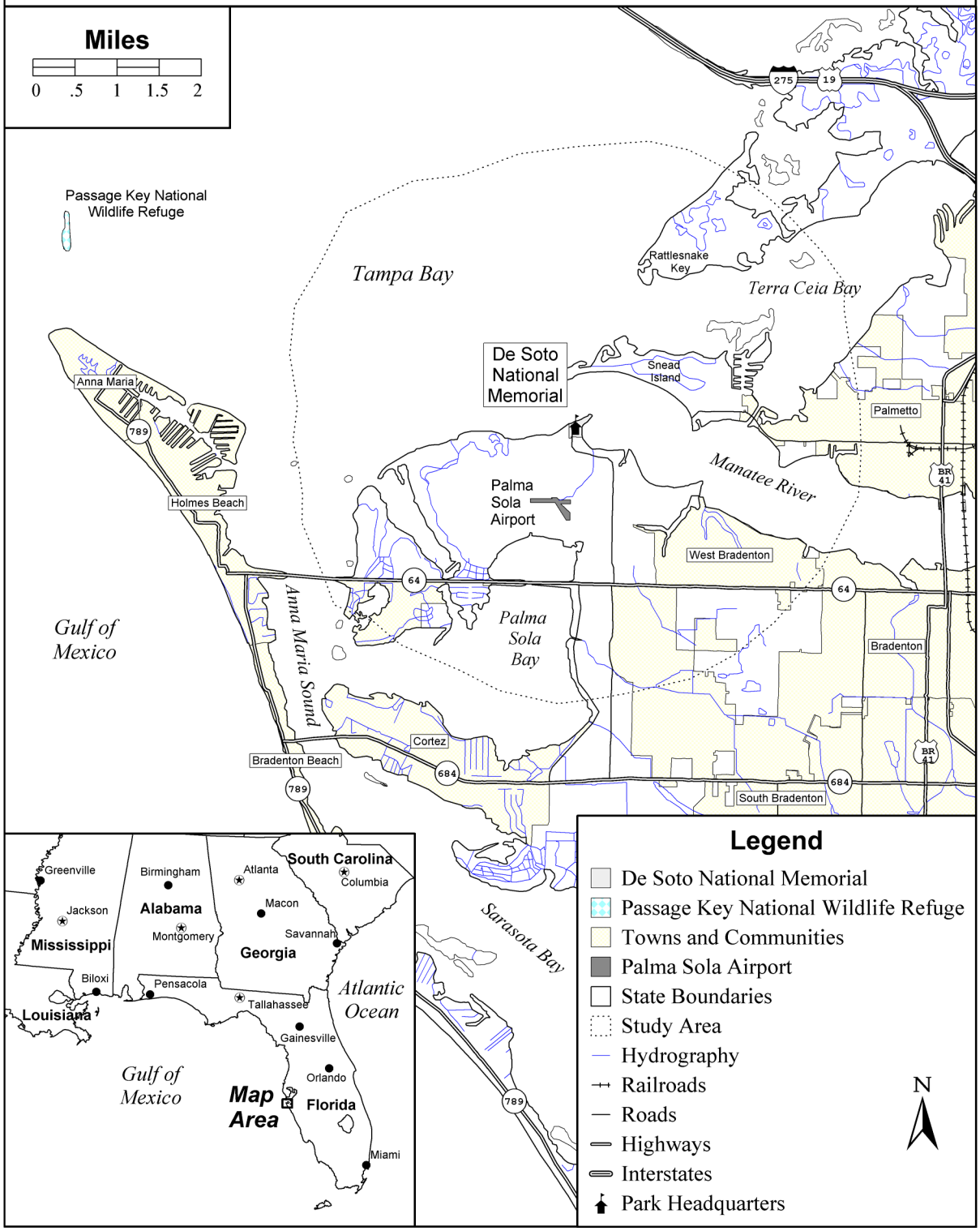
Seasonal Analysis Criteria:

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 20 years and observations in at least 4 of the 20 years.

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

De Soto National Memorial

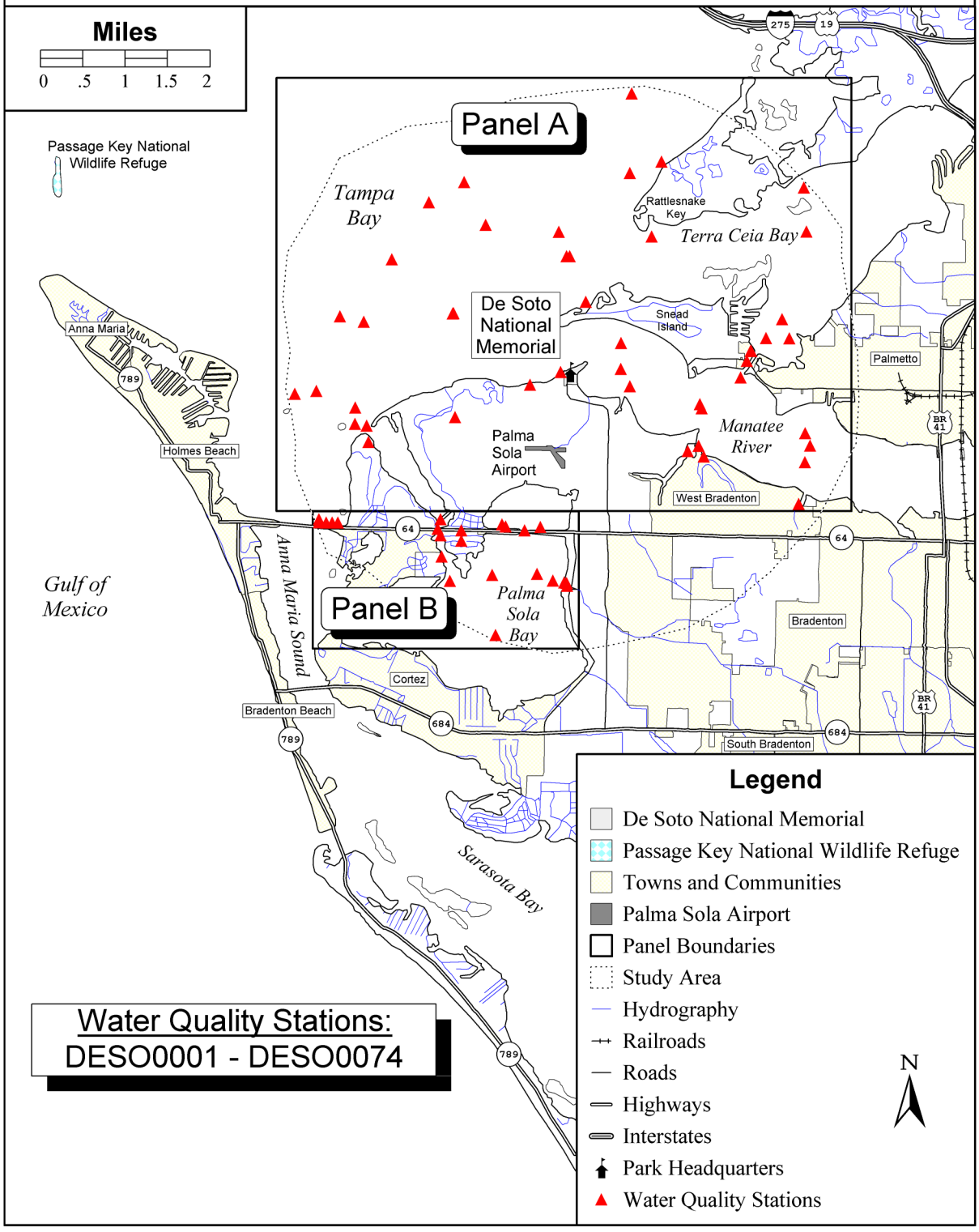
Regional Location Map



De Soto National Memorial

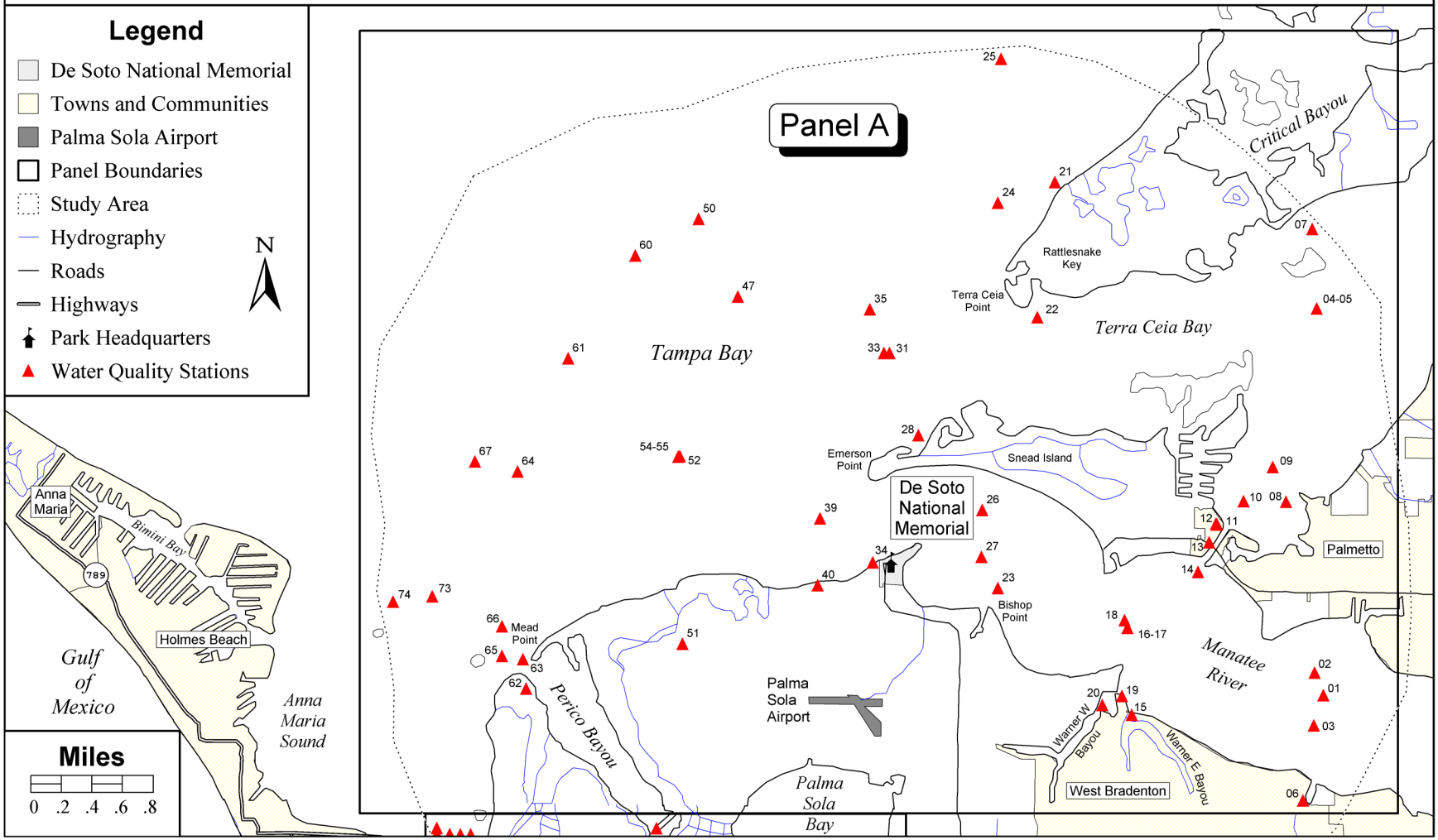
Water Quality Monitoring Locations

Graphic Panel Index



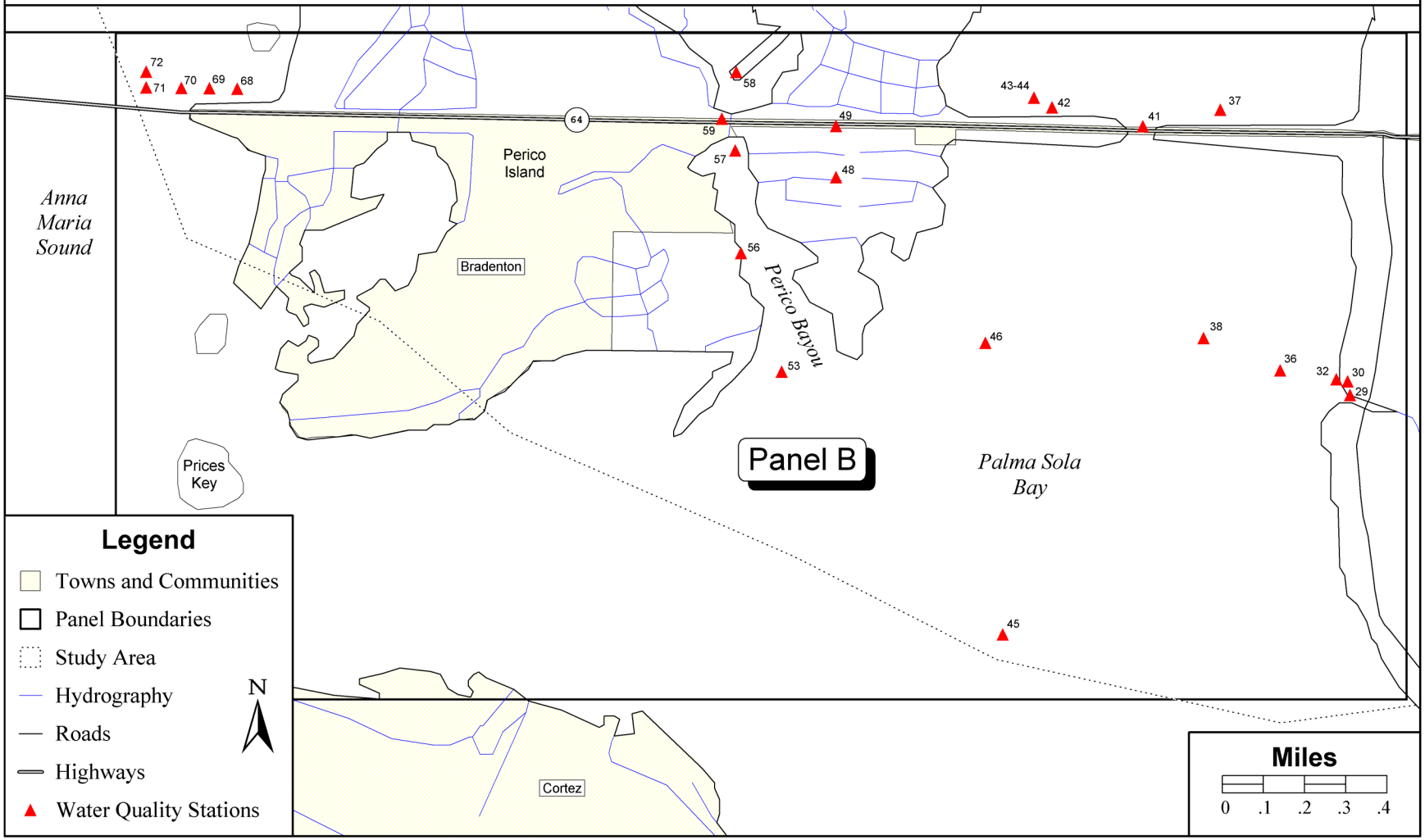
De Soto National Memorial

Water Quality Monitoring Locations



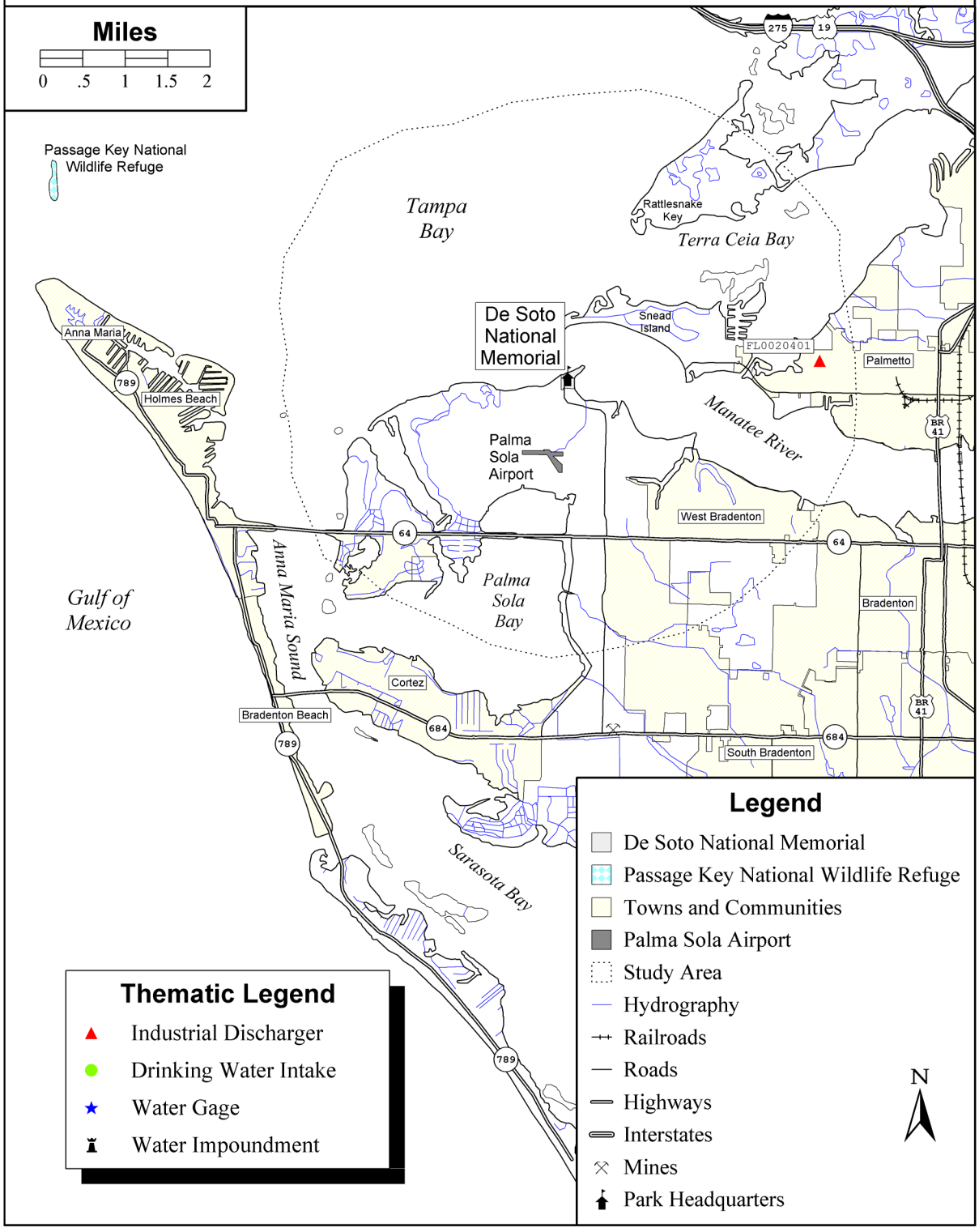
De Soto National Memorial

Water Quality Monitoring Locations



De Soto National Memorial

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
FL0020401	PALMETTO STP	600 17TH ST	PALMETTO	TERRA CEIA BAY

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

No stream flow gages available for this study area.

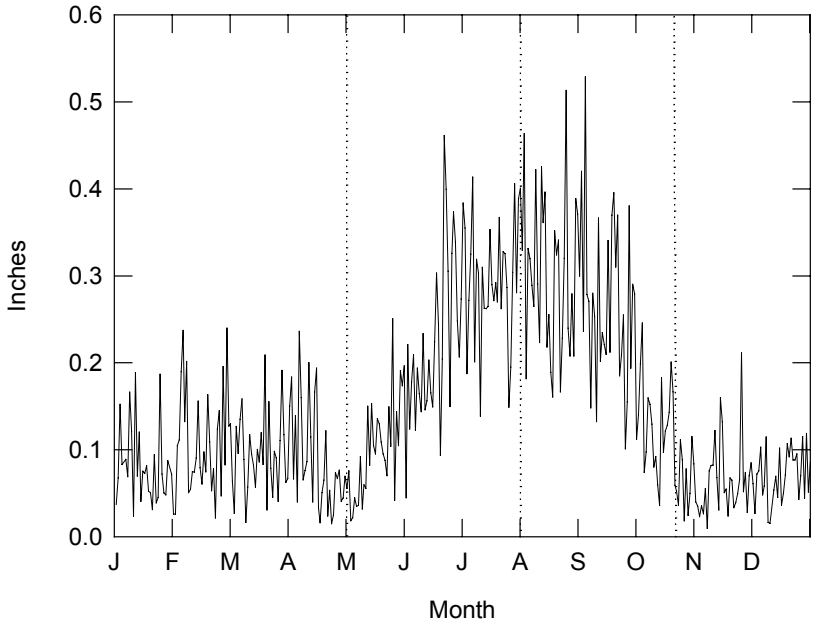
Water Impoundments

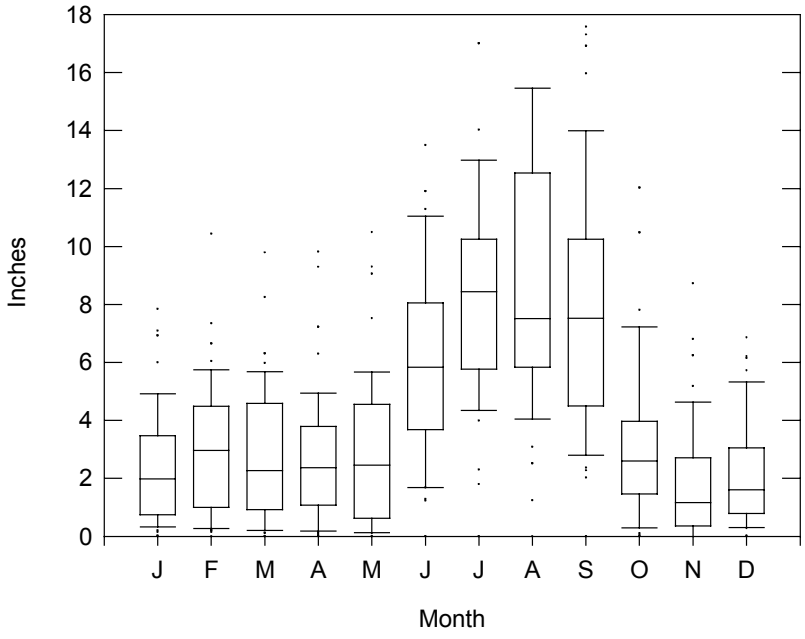
Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed

No water impoundments available for this study area.

REPRESENTATIVE PRECIPITATION PLOTS FOR SEASONAL ANALYSIS

DE SOTO NATIONAL MEMORIAL
Bradenton Experiment Station
940, 53 year record





Plot of average daily precipitation (top) and distribution of total monthly precipitation (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 De Soto National Memorial are: Aug. 1 to Oct. 19, Oct. 20 to Apr. 30, and May 1 to Jul. 31.

CONTACTS FOR AGENCY CODES RETRIEVED FOR DESO

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
21FLMML	DIXON, L. KELLIE	MOTE MARINE LABS	(941)388-4441	(941)388-4441
21FLA	DETSCHER, PATRICK	FLORIDA DEPT ENV PROTECTN	(850)921-9925	
21FLMANA	BLANCHARD, GREG	ENVIRONMENTAL	(941)742-5980	
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
21FLSWFD	DEHAVEN, ERICDA	SW FLORDIA WATER	(813)985-7481	(813)985-7481

QUANTITY OF DATA RETRIEVED FOR DESO 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
21FLMML	MOTE MARINE LABS	04/26/90-05/10/94	No Data in Park	20	0	8	0	0	0	5617	0	168	0
21FLA	FLORIDA DEPT ENV PROTECTN	12/12/66-06/25/98	No Data in Park	28	0	20	0	0	0	42459	0	63	0
21FLMANA	ENVIRONMENTAL	01/01/89-11/16/98	No Data in Park	18	0	18	0	0	0	7469	0	27	0
112WRD	US GEOLOGICAL SURVEY	06/01/71-03/13/73	No Data in Park	7	0	0	0	0	0	350	0	72	0
21FLSWFD	SW FLORDIA WATER	04/08/92-12/30/92	No Data in Park	1	0	0	0	0	0	102	0	23	0
Totals		12/12/66-11/16/98	No Data in Park	74	0	46	0	0	0	55997	0	274	0

[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 12/12/66 To 11/16/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75
DESO0001	RAMP North Segment	No	201	201	0	0
DESO0002	MANATEE R.-2/3 ACRS-N.MCLEWIS BA	No	747	0	747	0
DESO0003	MANATEE R.-1/3 ACRS-N.MCLEWIS BA	No	770	0	770	0
DESO0004	RAMP North Segment	No	182	182	0	0
DESO0005	BIRD KEY	No	985	985	0	0
DESO0006	WSB-2 SARASOTA BAY	No	1447	246	827	374
DESO0007	WTC-6 TERRA CEIA BAY	No	538	82	254	202
DESO0008	City of Palmetto WWTP outfall	No	1314	1314	0	0
DESO0009	PALMETTO SEWAGE OUTFALL 500 YARDS NORTH OF GUS	No	1463	243	845	375
DESO0010	SOUTHWEST TERRA CEIA BAY	No	972	972	0	0
DESO0011	WTC-1 TERRA CEIA BAY	No	1447	243	841	363
DESO0012	RAMP North Segment	No	202	202	0	0
DESO0013	MANATEE R.-TERRA CEIA CUT	No	3287	0	3287	0
DESO0014	WN-6 TERRA CEIA BAY ENT	No	1379	182	584	613
DESO0015	WSB-3 SARASOTA BAY	No	1444	244	823	377
DESO0016	WEST MANATEE RIVER	No	974	974	0	0
DESO0017	RAMP North Segment	No	200	200	0	0
DESO0018	MANATEE R.-NORTH OF MARKER ?14?	No	5555	0	5555	0
DESO0019	WSB-4 SARASOTA BAY	No	1462	246	828	388
DESO0020	TAMPA BAY,FLA Q'-16.5 HX	No	45	0	0	45
DESO0021	Rattlesnake Key Shoreline	No	1238	1238	0	0
DESO0022	Mouth of Terra Ceia Bay	No	1284	1284	0	0
DESO0023	RAMP North Segment	No	202	202	0	0
DESO0024	RAMP North Segment	No	199	199	0	0
DESO0025	TAMPA BAY,FLA P -15 HX	No	72	0	0	72
DESO0026	MANATEE R.-BISHOP PT.;2/3 ACROSS	No	942	0	942	0
DESO0027	MANATEE R.-BISHOP PT.;MID-CHANNE	No	1058	0	1058	0
DESO0028	Emerson Bayou at mouth of Terra Ceia Bay	No	1118	1118	0	0
DESO0029	PALMA SOLA BAY ALHAMBRA AND BLVD BRDG NEPWQ-13	No	468	468	0	0
DESO0030	WSB-18 SARASOTA BAY	No	1428	251	831	346
DESO0031	RAMP North Segment	No	213	213	0	0
DESO0032	PALMA SOLA BAY - PVT CHNL 100M W OF BRDG	No	89	89	0	0
DESO0033	WTC-7 TERRA CEIA BAY	No	537	82	241	214
DESO0034	WN-7 MANATEE R ENT	No	3456	523	1807	1126
DESO0035	TAMPA BAY,FLA Q -15 HX	No	38	0	0	38
DESO0036	PALMA SOLA BAY - N OF CHNL BTWN PVTMARK #3-5	No	89	89	0	0
DESO0037	PALMA SOLA BAY - CAUSEWAY ON SR64 MANATEE CTY	No	288	288	0	0
DESO0038	PALMA SOLA BAY - CHNL 50M W OF PVTMARK #1-2	No	89	89	0	0
DESO0039	Emerson Point at ICWW 7	No	1373	1373	0	0
DESO0040	Marina west of Shaw Point on Manatee River	No	1505	1505	0	0
DESO0041	WN-12 PALMA SOLA BAY BR	No	1396	166	564	666
DESO0042	PALMA SOLA BAY N OF SR64 FRM DOCK NEPWQ-11	No	511	511	0	0
DESO0043	NORTH END PALMA SOLA BAY	No	966	966	0	0
DESO0044	RAMP South Segment	No	194	194	0	0
DESO0045	PALMA SOLA BAY N OF PVTMARK #20 NEPWQ-14	No	503	503	0	0
DESO0046	PALMA SOLA BAY E OF PVTMARK #25 NEPWQ-12	No	490	490	0	0
DESO0047	RAMP North Segment	No	201	201	0	0
DESO0048	WSB-5 SARASOTA BAY	No	736	0	490	246
DESO0049	PALM SOLA FLAMINGO CAY SW CORNER	No	148	0	0	148
DESO0050	TAMPA BAY,FLA Q -14.5 HX	No	46	0	0	46
DESO0051	TAMPA BAY,FLA 5-03 BX	No	31	0	0	31
DESO0052	MANATEE R. AT MARKER 6	No	2420	0	2420	0
DESO0053	PERICO BAYOU - @ MOUTH NR PVTMARK #8	No	89	89	0	0
DESO0054	RAMP North Segment	No	183	183	0	0
DESO0055	MOUTH OF MANATEE RIVER	No	971	971	0	0
DESO0056	PERIOC BAYOU - W OF CHNL NR PVTMARK #12	No	89	89	0	0
DESO0057	PERICO BAYOU - S OF SR64 NR PVTMARK #15	No	89	89	0	0
DESO0058	PERICO BAYOU - NR SR64 PERICO ISLND MANATEE CTY	No	288	288	0	0
DESO0059	PERICO BAYOU SR64 BRIDGE PERICO I. NEPWQ-8	No	492	492	0	0
DESO0060	RAMP North Segment	No	214	214	0	0
DESO0061	Red marker 2 East of station 50	No	1687	1687	0	0
DESO0062	Mead Point at Mouth of Perico Bayou	No	1280	1280	0	0
DESO0063	PERICO BAYOU MOUTH SW OF MEAD PT NEPWQ-5	No	498	498	0	0
DESO0064	TAMPA BAY,FLA R -14.5 HX	No	88	0	0	88
DESO0065	SARASOTA BAY - PERICO ISLAND AB MANATEE RIVER	No	102	102	0	0
DESO0066	RAMP South Segment	No	210	210	0	0
DESO0067	RAMP South Segment	No	200	200	0	0
DESO0068	PERICO ISL - PRVT CHNL N OF SR64 BRDG NR HEAD	No	89	89	0	0
DESO0069	MANATEE AVE BRIDGE - SR64 AT ANNA MARIA SOUND	No	283	283	0	0
DESO0070	PERICO ISL - PRVT CHNL N OF SR64 BRDG MIDWAY	No	89	89	0	0
DESO0071	ANNA MARIA SOUND PVT CHNL NE SR64 BRDG NEPWQ-6	No	491	491	0	0

Station Period of Record Tabulation
From 12/12/66 To 11/16/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75
DESO0072	PERICO ISL - PRVT CHNL N OF SR64 BRDG NR ICW	No	89	89	0	0
DESO0073	TAMPA BAY,FLA R'-14.5 HX	No	30	0	0	30
DESO0074[!]	ANNA MARIA SOUND ICW #61 NEPWQ-3	No	504	504	0	0

[!]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 12/12/66 To 11/16/98

Parameter Code	Name	Total Obs	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	5650	2107	2674	869	61	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	4412	2044	1903	465	61	0
00017	THERMAL DISCHARGE (MILLIONS OF BTUS PER DAY)	1	0	1	0	1	0
00018	TEMP DIFFERENCE BETWEEN SAMPLE AND UPSTREAM PT	1	0	1	0	1	0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	1	0	1	0	1	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	2794	187	2606	1	19	0
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	1755	0	1755	0	7	0
00032	CLOUD COVER (PERCENT)	127	127	0	0	8	0
00035	WIND VELOCITY (MILES PER HOUR)	2368	1241	909	218	28	0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	2169	1229	735	205	28	0
00064	DEPTH OF STREAM, MEAN (FT)	322	0	322	0	7	0
00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	875	875	0	0	8	0
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	5	4	1	0	2	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	444	52	179	213	11	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	5	5	0	0	1	0
00078	TRANSPARENCY, SECCHI DISC (METERS)	618	463	155	0	34	0
00080	COLOR (PLATINUM-COBALT UNITS)	958	575	328	55	38	0
00082	COLOR,SPECTROPHOTO,WATER SMPL AT7.6PH ADMI UNITS	1	0	1	0	1	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	405	405	0	0	19	0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	504	262	179	63	18	0
00100	TIME OF TRAVEL (HOURS)	3	0	3	0	3	0
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	943	0	943	0	7	0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	2623	1678	945	0	42	0
00300	OXYGEN, DISSOLVED MG/L	449	52	179	218	9	0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	239	239	0	0	8	0
00310	BOD, 5 DAY, 20 DEG C MG/L	438	52	179	207	7	0
00311	BOD, DISSOLVED, 5 DAY MG/L	219	219	0	0	5	0
00400	PH (STANDARD UNITS)	2910	622	1834	454	42	0
00403	PH, LAB, STANDARD UNITS SU	881	870	5	6	19	0
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	131	5	125	1	7	0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1	0	0	1	1	0
00480	SALINITY - PARTS PER THOUSAND	845	448	180	217	29	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	536	536	0	0	27	0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	324	324	0	0	13	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	223	0	219	4	11	0
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	2	0	0	2	2	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	9	0	0	9	6	0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	715	487	218	10	41	0
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	9	0	0	9	6	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10	0	0	10	7	0
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	412	403	0	9	24	0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	185	52	99	34	9	0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	515	510	0	5	32	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	356	137	219	0	16	0
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	403	403	0	0	18	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	2	0	0	2	2	0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	171	0	78	93	3	0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	289	284	0	5	27	0
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	4	0	0	4	4	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	219	0	219	0	7	0
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	9	0	0	9	6	0
00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	9	0	0	9	6	0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	110	101	0	9	15	0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	8	0	0	8	6	0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	104	95	0	9	14	0
00690	CARBON, TOTAL (MG/L AS C)	9	0	0	9	6	0
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	8	0	0	8	6	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	419	49	174	196	3	0
00940	CHLORIDE,TOTAL IN WATER MG/L	446	54	178	214	11	0
00941	CHLORIDE, DISSOLVED IN WATER MG/L	205	205	0	0	5	0
00945	SULFATE, TOTAL (MG/L AS SO4)	2	2	0	0	1	0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	218	0	19	199	6	0
00951	FLUORIDE, TOTAL (MG/L AS F)	213	54	159	0	4	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	4	0	0	4	4	0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	0	0	1	1	0
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	18	18	0	0	9	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	0	0	1	1	0
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	18	18	0	0	9	0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	1	0	0	1	1	0
01035	COBALT, DISSOLVED (UG/L AS CO)	2	0	0	2	2	0
01040	COPPER, DISSOLVED (UG/L AS CU)	2	0	0	2	2	0

Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Parameter Code	Name	Total Obs	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	18	18	0	0	9	0
01046	IRON, DISSOLVED (UG/L AS FE)	1	0	0	1	1	0
01049	LEAD, DISSOLVED (UG/L AS PB)	2	0	0	2	2	0
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	18	18	0	0	9	0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	0	0	1	1	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	2	0	0	2	2	0
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	18	18	0	0	9	0
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	18	18	0	0	9	0
01130	LITHIUM, DISSOLVED (UG/L AS LI)	2	0	0	2	2	0
04377	FECAL STREPTOCOCCI, 5 TUBE, SHELLFISH MPN	11	11	0	0	3	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	23	21	0	2	7	0
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	1622	221	768	633	14	0
31520	COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35C	11	11	0	0	3	0
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	3	3	0	0	3	0
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	509	0	82	427	10	0
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	1415	215	773	427	11	0
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	7	5	1	1	3	0
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	888	888	0	0	11	0
31629	AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/100ML	6	6	0	0	3	0
31634	VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	6	6	0	0	3	0
31640	FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	11	11	0	0	3	0
31675	FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 31676)	6	6	0	0	3	0
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	1	0	0	1	1	0
31748	STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	6	6	0	0	3	0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	624	480	144	0	33	0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	224	5	219	0	8	0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	266	266	0	0	13	0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	259	259	0	0	13	0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	79	5	74	0	8	0
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	60	60	0	0	5	0
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	209	209	0	0	5	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1	0	0	1	1	0
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	18	18	0	0	9	0
34208	ACENAPHTHENE DRY WGTBOTUG/KG	18	18	0	0	9	0
34223	ANTHRACENE DRY WGTBOTUG/KG	18	18	0	0	9	0
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	18	18	0	0	9	0
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	18	18	0	0	9	0
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	18	18	0	0	9	0
34257	B-BHC-BETA DRY WGTBOTUG/KG	18	18	0	0	9	0
34323	CHRYSENE DRY WGTBOTUG/KG	18	18	0	0	9	0
34379	FLUORANTHENE DRY WGTBOTUG/KG	18	18	0	0	9	0
34384	FLUORENE DRY WGTBOTUG/KG	18	18	0	0	9	0
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	18	18	0	0	9	0
34445	NAPHTHALENE DRY WGTBOTUG/KG	18	18	0	0	9	0
34464	PHENANTHRENE DRY WGTBOTUG/KG	18	18	0	0	9	0
34472	PYRENE DRY WGTBOTUG/KG	18	18	0	0	9	0
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	18	18	0	0	9	0
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	18	18	0	0	9	0
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	18	18	0	0	9	0
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	18	18	0	0	9	0
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	18	18	0	0	9	0
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	18	18	0	0	9	0
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	18	18	0	0	9	0
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	19	18	0	1	10	0
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	1	0	0	1	1	0
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	1	0	0	1	1	0
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	1	0	0	1	1	0
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	1	0	0	1	1	0
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	1	0	0	1	1	0
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	19	18	0	1	10	0
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	19	18	0	1	10	0
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	0	1	1	0
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	1	0	0	1	1	0
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	19	18	0	1	10	0
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	19	18	0	1	10	0
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	0	1	1	0
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	1	0	0	1	1	0
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	1	0	0	1	1	0
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	1	0	0	1	1	0
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	1	0	0	1	1	0
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	0	1	1	0

Parameter Period of Record Tabulation
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Parameter Code	Name	Total Obs	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	0	1	1	0
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	0	1	1	0
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	18	18	0	0	9	0
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	0	1	1	0
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	1	0	0	1	1	0
50785	ORTHOPHOSPHORUS AS P, WATER MG/L	131	131	0	0	8	0
50841	AVERAGE SHELL LENGTH CM	12	12	0	0	3	0
50842	ARSENIC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
50843	MERCURY IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
50844	ALPHA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	12	12	0	0	3	0
50845	BETA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	12	12	0	0	3	0
50847	ACENAPHTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
50848	ACENAPHTHYLENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	12	12	0	0	3	0
50849	BENZO(A)ANTHRACENE IN SHELLFISH TISDRY WEIGHTMG/KG	12	12	0	0	3	0
50850	BENZO(A)PYRENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	12	12	0	0	3	0
50851	BENZO(K)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	12	12	0	0	3	0
50852	BENZO(B)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	12	12	0	0	3	0
50853	DIBENZO(A,H)ANTHRACENE IN SHELLFSH TIS DRYWGTMG/KG	12	12	0	0	3	0
50854	FLUORENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
50855	NAPHTHALENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
50856	ANTHRACENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
50857	BENZO(GHI)PERYLENE IN SHELLFISH TIS DRY WGT MG/KG	12	12	0	0	3	0
50858	CHRYSENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
50859	FLUORANTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
50860	INDENO(1,2,3-CD)PYRENE IN SHELLFSH TIS DRYWGTMG/KG	12	12	0	0	3	0
50861	PHENANTHRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
50862	PYRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
50863	2-METHYLNAPHTHALENE IN SHELLFISH TIS DRY WGT MG/KG	12	12	0	0	3	0
50864	PHENANTHRENE, 1-METHYL,SHELLFISH TIS DRY WGT MG/KG	12	12	0	0	3	0
50865	VIBRIO ALGINOLYTICUS, 3-TUBE WT TIS SHELFHMPN/100G	12	12	0	0	3	0
50866	VIBRIO CHOLERAE, 3-TUBE WET TIS SHELLFISH MPN/100G	12	12	0	0	3	0
50868	VIBRIO FLUVIALIS,3-TUBE WET TIS SHELLFISH MPN/100G	12	12	0	0	3	0
50869	VIBRIO HOLLISAE,3-TUBE WET TIS SHELLFISH MPN/100G	12	12	0	0	3	0
50870	VIBRIO METSCHNIKOVII,3-TUBE WET TIS SHELFHMPN/100G	12	12	0	0	3	0
50871	VIBRIO MIMICUS, 3-TUBE WET TIS SHELLFISH MPN/100G	12	12	0	0	3	0
50872	VIBRIO VULNIFICUS,3-TUBE WET TIS SHELLFISHMPN/100G	12	12	0	0	3	0
50873	AEROMONAS HYDROPHILA,MF,MA AGAR,20H,WTIS35C #/100G	12	12	0	0	3	0
50874	AEROMONAS SOBRIA,MF,M-A AGAR,20HR, 35C #/100G	12	12	0	0	3	0
50875	VIBRIO ALGINOLYTICUS, 3-TUBE MPN/100ML	6	6	0	0	3	0
50876	VIBRIO CHOLERAE, 3-TUBE MPN/100ML	6	6	0	0	3	0
50877	VIBRIO DAMSELA, 3-TUBE MPN/100ML	6	6	0	0	3	0
50878	VIBRIO FLUVIALIS, 3-TUBE MPN/100ML	6	6	0	0	3	0
50879	VIBRIO HOLLISAE, 3-TUBE MPN/100ML	6	6	0	0	3	0
50880	VIBRIO METSCHNIKOVII, 3-TUBE MPN/100ML	6	6	0	0	3	0
50881	VIBRIO MIMICUS, 3-TUBE MPN/100ML	6	6	0	0	3	0
50882	VIBRIO VULNIFICUS, 3-TUBE MPN/100ML	6	6	0	0	3	0
50883	AEROMONAS SOBRIA,MF,M-A AGAR,20 HR,35C #/100ML	6	6	0	0	3	0
50884	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100G	3	3	0	0	3	0
50885	ECOLI,NA+MUG,4HRS,35C MPN/100G	3	3	0	0	3	0
50886	FECAL STREPTOCOCCI,KF BROTH,35C (TUBE 31676) /100G	3	3	0	0	3	0
50887	STD PLATE COUNT,PLATE COUNT AGAR, 35C 48HR #/100G	3	3	0	0	3	0
50888	VIBRIO PARAHAEMOLYTICUS,3-TUBE WET WEIGHT MPN/100G	3	3	0	0	3	0
50889	VIBRIO ALGINOLYTICUS, 3-TUBE WET WEIGHT MPN/100G	3	3	0	0	3	0
50890	VIBRIO CHOLERAE, 3-TUBE WET WEIGHT MPN/100G	3	3	0	0	3	0
50891	VIBRIO DAMSELA, 3-TUBE WET WEIGHT MPN/100G	3	3	0	0	3	0
50892	VIBRIO FLUVIALIS, 3-TUBE WET WEIGHT MPN/100G	3	3	0	0	3	0
50893	VIBRIO HOLLISAE, 3-TUBE WET WEIGHT MPN/100G	3	3	0	0	3	0
50894	VIBRIO METSCHNIKOVII, 3-TUBE WET WEIGHT MPN/100G	3	3	0	0	3	0
50895	VIBRIO MIMICUS, 3-TUBE WET WEIGHT MPN/100G	3	3	0	0	3	0
50896	VIBRIO VULNIFICUS, 3-TUBE WET WEIGHT MPN/100G	3	3	0	0	3	0
50897	AEROMONAS HYDROPHILA,MF,M-A AGAR,20HR,35CWTW#/100G	3	3	0	0	3	0
50898	AEROMONAS SOBRIA,MF,M-A AGAR,20HR,35C WETWGT#/100G	3	3	0	0	3	0
50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	18	18	0	0	9	0
50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	18	18	0	0	9	0
50902	O,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	12	12	0	0	3	0
50903	O,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT UG/KG	12	12	0	0	3	0
50904	O,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	12	12	0	0	3	0
50905	ALPHA CHLORDANE IN SHELLFISH TISSUE DRY WGT UG/KG	12	12	0	0	3	0
50906	CHLORPYRIFOS(DURSBAN) IN SHELLFISH TIS DRY WTUG/KG	12	12	0	0	3	0
50907	NALED (DIBROM) IN SHELLFISH TISSUE DRY WEIGHTUG/KG	12	12	0	0	3	0
50908	FICAM (BENDIOCARB) IN SHELLFISH TIS DRY WGT UG/KG	12	12	0	0	3	0

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Parameter Code	Name	Total Obs	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	107	107	0	0	8	0
50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	18	18	0	0	9	0
50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	18	18	0	0	9	0
50919	STD PLATE COUNT, PLATE COUNT AGAR,35C 48HRMPN/100G	11	11	0	0	3	0
50920	ECOLI:EMB,SIMMONS CITRATE,INDOLE. MPN/100G	11	11	0	0	3	0
50921	VIBRIO PARAHAEMOLYTICUS,3-TUBE TIS WT SHF MPN/100G	12	12	0	0	3	0
50922	ECOLI,NA+MUG,4 HOURS,35C,COL MPN/100ML	6	6	0	0	3	0
70225	CURRENT SPEED (METERS/SEC)	779	0	779	0	7	0
70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	777	0	777	0	7	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	1	0	1	0	1	0
70305	SALINITY BASED ON CONDUCTIVITY	2236	1292	944	0	20	0
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	9	9	0	0	9	0
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	9	9	0	0	9	0
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	219	219	0	0	5	0
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	257	52	100	105	4	0
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	94	94	0	0	8	0
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	9	0	0	9	6	0
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	119	0	78	41	3	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	9	0	0	9	6	0
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	9	0	0	9	6	0
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	7	0	0	7	6	0
71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	3	0	0	3	3	0
71900	MERCURY, TOTAL (UG/L AS HG)	1	0	0	1	1	0
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	18	18	0	0	9	0
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	18	18	0	0	9	0
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	18	18	0	0	9	0
80080	BOD, CARBONACEOUS, 1 DAY, 20 DEG C MG/L	144	0	144	0	4	0
80081	BOD, CARBONACEOUS, 3 DAY, 20 DEG C MG/L	148	0	148	0	4	0
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	218	0	218	0	7	0
80083	BOD, CARBONACEOUS, 7 DAY, 20 DEG C MG/L	148	0	148	0	4	0
80084	BOD, CARBONACEOUS, 10 DAY, 20 DEG C MG/L	148	0	148	0	4	0
80085	BOD, CARBONACEOUS, 12 DAY, 20 DEG C MG/L	148	0	148	0	4	0
80086	BOD, CARBONACEOUS, 15 DAY, 20 DEG C MG/L	147	0	147	0	4	0
80087	BOD, CARBONACEOUS, 20 DAY, 20 DEG C MG/L	148	0	148	0	4	0
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	9	9	0	0	9	0
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	9	9	0	0	9	0
80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	9	9	0	0	9	0
80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	9	9	0	0	9	0
80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	9	9	0	0	9	0
80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	9	9	0	0	9	0
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	9	9	0	0	9	0
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	12	12	0	0	3	0
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	12	12	0	0	3	0
81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	12	12	0	0	3	0
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	12	12	0	0	3	0
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	12	12	0	0	3	0
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	12	12	0	0	3	0
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	12	12	0	0	3	0
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	12	12	0	0	3	0
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	12	12	0	0	3	0
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	12	12	0	0	3	0
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	1318	1318	0	0	21	0
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	1412	1412	0	0	34	0
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	131	131	0	0	9	0
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	6	0	0	6	6	0
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	6	0	0	6	6	0
84009	SHELLFISH SPECIES ALPHANUMERIC CODE	12	12	0	0	3	0
85822	MOISTURE CONTENT, TISSUE, % OF TOTAL WET WEIGHT, %	12	12	0	0	3	0

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0001	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/17/96-10/13/98	2	12	
DESO0002	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/25/83-03/07/84	0	78	
DESO0003	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/25/83-03/07/84	0	81	
DESO0004	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/17/96-10/13/98	2	11	
DESO0005	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	5	50	
DESO0006	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	20	215	
DESO0007	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	20	98	
DESO0008	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	8	160	
DESO0009	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	20	222	
DESO0010	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	5	50	
DESO0011	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	20	218	
DESO0012	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/28/95-10/13/98	2	12	
DESO0013	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/24/83-03/07/84	0	315	
DESO0014	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	20	99	
DESO0015	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	20	216	
DESO0016	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	5	50	
DESO0017	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/17/96-10/13/98	2	12	
DESO0018	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/24/83-03/07/84	0	781	
DESO0019	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	20	219	
DESO0020	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/20/71-10/20/71	0	3	
DESO0021	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	8	117	
DESO0022	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	8	123	
DESO0023	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/28/95-10/13/98	2	12	
DESO0024	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/28/95-10/13/98	2	12	
DESO0025	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/07/71-10/22/71	0	6	
DESO0026	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/24/83-03/07/84	0	104	
DESO0027	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/25/83-03/07/84	0	127	
DESO0028	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	8	105	
DESO0029	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	3	31	
DESO0030	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	20	210	
DESO0031	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/27/95-11/16/98	2	13	
DESO0033	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	20	100	
DESO0034	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	20	236	
DESO0035	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/01/71-06/01/71	0	1	
DESO0039	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	8	141	
DESO0040	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	8	187	
DESO0041	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/12/66-12/02/87	20	104	
DESO0042	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	3	34	
DESO0043	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	5	50	
DESO0044	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/19/95-11/16/98	2	12	
DESO0045	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	3	32	
DESO0046	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	3	32	
DESO0047	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/17/96-10/13/98	2	12	
DESO0048	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	8	101	
DESO0049	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-02/22/72	4	44	
DESO0050	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/22/71-10/22/71	0	3	
DESO0052	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/16/82-03/07/84	1	224	
DESO0054	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/27/95-10/12/98	2	11	
DESO0055	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	5	50	
DESO0059	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	3	35	
DESO0060	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/27/95-11/16/98	2	13	
DESO0061	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	8	209	
DESO0062	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	8	122	
DESO0063	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	3	32	
DESO0064	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/71-10/18/71	0	3	
DESO0065	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/08/92-12/30/92	0	8	
DESO0066	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/20/95-11/16/98	2	13	
DESO0067	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/20/95-10/12/98	2	12	
DESO0071	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	3	32	
DESO0073	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/07/71-06/07/71	0	3	
DESO0074	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	3	32	
DESO0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/17/96-10/13/98	2	12	
DESO0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/83-03/07/84	0	62	
DESO0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/83-03/07/84	0	60	
DESO0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/17/96-10/13/98	2	11	
DESO0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/89-12/13/94	5	46	
DESO0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	15	171	
DESO0007	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/69-12/07/87	18	56	
DESO0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	8	157	
DESO0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	15	175	
DESO0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/89-12/13/94	5	46	
DESO0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	15	173	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0012	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/28/95-10/13/98	2	12	
DESO0013	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/83-03/07/84	0	240	
DESO0014	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	20	92	
DESO0015	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	15	171	
DESO0016	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/89-12/13/94	5	46	
DESO0017	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/17/96-10/13/98	2	12	
DESO0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/83-03/07/84	0	286	
DESO0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	15	172	
DESO0020	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/71-10/20/71	0	3	
DESO0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	8	114	
DESO0022	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	8	121	
DESO0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/28/95-10/13/98	2	12	
DESO0024	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/28/95-10/13/98	2	12	
DESO0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/71-10/22/71	0	6	
DESO0026	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/83-03/07/84	0	78	
DESO0027	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/83-03/07/84	0	81	
DESO0028	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	8	102	
DESO0029	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	3	29	
DESO0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	15	173	
DESO0031	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/95-11/16/98	2	13	
DESO0033	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/69-12/07/87	18	55	
DESO0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	20	230	
DESO0035	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/71-06/01/71	0	1	
DESO0039	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	8	138	
DESO0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	8	185	
DESO0041	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/67-12/02/87	20	94	
DESO0042	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	3	31	
DESO0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/89-12/13/94	5	46	
DESO0044	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/95-11/16/98	2	12	
DESO0045	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	3	32	
DESO0046	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	3	32	
DESO0047	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/17/96-10/13/98	2	12	
DESO0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	8	97	
DESO0049	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/71-02/22/72	0	2	
DESO0050	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/71-10/22/71	0	3	
DESO0052	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/83-03/07/84	0	146	
DESO0054	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/95-10/12/98	2	11	
DESO0055	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/89-12/13/94	5	46	
DESO0059	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	3	26	
DESO0060	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/95-11/16/98	2	13	
DESO0061	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	8	207	
DESO0062	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	8	120	
DESO0063	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	3	31	
DESO0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/71-10/18/71	0	3	
DESO0065	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/92-12/30/92	0	4	
DESO0066	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/20/95-11/16/98	2	13	
DESO0067	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/20/95-10/12/98	2	12	
DESO0071	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	3	32	
DESO0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/71-06/07/71	0	2	
DESO0074	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	3	32	
DESO0052	No	00017	THERMAL DISCHARGE (MILLIONS OF BTUS PER DAY)	06/28/83-06/28/83	0	1	
DESO0013	No	00018	TEMP DIFFERENCE BETWEEN SAMPLE AND UPSTREAM PT	08/16/83-08/16/83	0	1	
DESO0013	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/26/83-06/26/83	0	1	
DESO0002	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/25/83-03/07/84	0	78	
DESO0003	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/25/83-03/07/84	0	81	
DESO0006	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/20/76-02/02/87	11	120	
DESO0007	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/15/76-12/15/86	10	37	
DESO0009	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/12/76-02/04/87	11	120	
DESO0011	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/12/76-02/04/87	11	120	
DESO0013	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/24/83-03/07/84	0	315	
DESO0014	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/03/70-12/03/86	16	39	
DESO0015	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/20/76-02/02/87	11	120	
DESO0018	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/24/83-03/07/84	0	826	
DESO0019	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/20/76-02/02/87	11	119	
DESO0026	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/24/83-03/07/84	0	104	
DESO0027	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/25/83-03/07/84	0	127	
DESO0030	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/20/76-02/02/87	11	119	
DESO0033	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/14/76-12/15/86	10	35	
DESO0034	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/07/76-02/11/87	11	121	
DESO0041	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/03/76-12/03/86	10	37	
DESO0048	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/20/76-09/23/80	4	52	
DESO0052	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/16/82-03/07/84	1	224	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0002	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/25/83-03/07/84	0	78	
DESO0003	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/25/83-03/07/84	0	81	
DESO0013	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/24/83-03/07/84	0	315	
DESO0018	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/24/83-03/07/84	0	826	
DESO0026	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/24/83-03/07/84	0	104	
DESO0027	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/25/83-03/07/84	0	127	
DESO0052	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/16/82-03/07/84	1	224	
DESO0029	No	00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	3	16	
DESO0042	No	00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	3	16	
DESO0045	No	00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	3	16	
DESO0046	No	00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	3	16	
DESO0059	No	00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	3	15	
DESO0063	No	00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	3	16	
DESO0071	No	00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	3	16	
DESO0074	No	00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	3	16	
DESO0006	No	00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	15	159	
DESO0007	No	00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	15	51	
DESO0008	No	00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	8	90	
DESO0009	No	00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	15	158	
DESO0011	No	00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	15	158	
DESO0014	No	00035	WIND VELOCITY (MILES PER HOUR)	03/07/73-12/02/87	14	52	
DESO0015	No	00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	15	160	
DESO0019	No	00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	15	160	
DESO0021	No	00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	8	111	
DESO0022	No	00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	8	114	
DESO0028	No	00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	8	102	
DESO0029	No	00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	3	16	
DESO0030	No	00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	15	159	
DESO0033	No	00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	15	49	
DESO0034	No	00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	15	151	
DESO0039	No	00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	8	114	
DESO0040	No	00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	8	99	
DESO0041	No	00035	WIND VELOCITY (MILES PER HOUR)	03/01/73-12/02/87	14	50	
DESO0042	No	00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	3	16	
DESO0045	No	00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	3	15	
DESO0046	No	00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	3	15	
DESO0048	No	00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	8	84	
DESO0059	No	00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	3	14	
DESO0061	No	00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	8	111	
DESO0062	No	00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	8	114	
DESO0063	No	00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	3	15	
DESO0071	No	00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	3	15	
DESO0074	No	00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	3	16	
DESO0006	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/22/72-12/15/87	15	132	
DESO0007	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	09/11/72-12/07/87	15	47	
DESO0008	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/04/90-06/09/98	8	90	
DESO0009	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	09/11/72-12/07/87	15	142	
DESO0011	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	09/11/72-12/07/87	15	143	
DESO0014	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/07/73-12/02/87	14	49	
DESO0015	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/22/72-12/15/87	15	134	
DESO0019	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/22/72-12/15/87	15	137	
DESO0021	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/04/90-06/25/98	8	111	
DESO0022	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/04/90-06/25/98	8	114	
DESO0028	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/04/90-06/09/98	8	102	
DESO0029	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/08/90-05/10/94	3	13	
DESO0030	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/22/72-12/01/87	15	135	
DESO0033	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	09/11/72-12/07/87	15	46	
DESO0034	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/01/72-12/02/87	15	124	
DESO0039	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/04/90-06/25/98	8	114	
DESO0040	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/04/90-06/09/98	8	99	
DESO0041	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/01/73-12/02/87	14	42	
DESO0042	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/08/90-05/10/94	3	15	
DESO0045	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/08/90-05/10/94	3	15	
DESO0046	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/08/90-05/10/94	3	15	
DESO0048	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/22/72-07/22/80	7	69	
DESO0059	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/14/90-05/10/94	3	13	
DESO0061	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/04/90-06/25/98	8	111	
DESO0062	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/04/90-06/25/98	8	114	
DESO0063	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/08/90-05/10/94	3	15	
DESO0071	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/08/90-05/10/94	3	14	
DESO0074	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/08/90-05/10/94	3	14	
DESO0002	No	00064	DEPTH OF STREAM, MEAN (FT)	05/25/83-03/07/84	0	21	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0003	No	00064	DEPTH OF STREAM, MEAN (FT)	05/25/83-03/07/84	0	19	
DESO0013	No	00064	DEPTH OF STREAM, MEAN (FT)	05/24/83-03/07/84	0	81	
DESO0018	No	00064	DEPTH OF STREAM, MEAN (FT)	05/24/83-03/07/84	0	99	
DESO0026	No	00064	DEPTH OF STREAM, MEAN (FT)	05/24/83-03/07/84	0	26	
DESO0027	No	00064	DEPTH OF STREAM, MEAN (FT)	05/25/83-03/07/84	0	27	
DESO0052	No	00064	DEPTH OF STREAM, MEAN (FT)	05/25/83-03/07/84	0	49	
DESO0008	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	01/04/90-06/09/98	8	93	
DESO0021	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	01/04/90-06/25/98	8	114	
DESO0022	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	01/04/90-06/25/98	8	116	
DESO0028	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	01/04/90-06/09/98	8	103	
DESO0039	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	01/04/90-06/25/98	8	116	
DESO0040	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	01/04/90-06/09/98	8	102	
DESO0061	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	01/04/90-06/25/98	8	114	
DESO0062	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	01/04/90-06/25/98	8	117	
DESO0003	No	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	07/14/83-07/14/83	0	1	
DESO0065	No	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	04/08/92-12/30/92	0	4	
DESO0009	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/10/72-04/10/72	0	1	
DESO0014	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	20	97	T,S
DESO0020	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/20/71-10/20/71	0	3	
DESO0025	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/07/71-10/22/71	0	4	
DESO0034	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	20	230	T,A,S
DESO0035	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/01/71-06/01/71	0	1	
DESO0041	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/67-12/02/87	20	100	T,S
DESO0050	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/22/71-10/22/71	0	3	
DESO0051	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/73-03/13/73	0	1	
DESO0064	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/18/71-10/18/71	0	3	
DESO0073	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/07/71-06/07/71	0	1	
DESO0065	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/08/92-12/30/92	0	5	
DESO0001	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/17/96-10/13/98	2	12	
DESO0002	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/28/83-12/14/83	0	8	
DESO0003	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/28/83-12/14/83	0	7	
DESO0004	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/17/96-10/13/98	2	11	
DESO0005	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/01/89-12/13/94	5	41	
DESO0010	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/01/89-12/13/94	5	36	
DESO0012	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/28/95-10/13/98	2	12	
DESO0013	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/83-03/06/84	0	34	
DESO0016	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/01/89-12/13/94	5	38	
DESO0017	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/17/96-10/13/98	2	12	
DESO0018	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/25/83-03/07/84	0	61	
DESO0023	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/28/95-10/13/98	2	12	
DESO0024	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/28/95-10/13/98	2	12	
DESO0026	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/83-03/06/84	0	12	
DESO0027	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/25/83-01/18/84	0	12	
DESO0029	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-02/08/94	3	15	
DESO0031	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/21/96-11/16/98	2	12	
DESO0042	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-02/08/94	3	15	
DESO0043	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/01/89-12/13/94	5	30	
DESO0044	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/19/95-11/16/98	2	12	
DESO0045	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-05/10/94	3	16	
DESO0046	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-05/10/94	3	16	
DESO0047	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/17/96-10/13/98	2	12	
DESO0052	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/25/83-01/18/84	0	21	
DESO0054	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/27/95-10/12/98	2	10	
DESO0055	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/01/89-12/13/94	5	38	
DESO0059	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-02/08/94	3	13	
DESO0060	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/27/95-11/16/98	2	13	
DESO0063	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-05/10/94	3	16	
DESO0065	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/08/92-12/30/92	0	4	
DESO0066	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/20/95-11/16/98	2	11	
DESO0067	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/20/95-10/12/98	2	12	
DESO0071	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-05/10/94	3	16	
DESO0074	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-05/10/94	3	16	
DESO0001	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/17/96-10/13/98	2	11	
DESO0002	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/25/83-03/07/84	0	17	
DESO0003	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/25/83-03/07/84	0	19	
DESO0004	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/17/96-10/13/98	2	10	
DESO0005	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/01/89-12/13/94	5	48	
DESO0009	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/10/72-04/10/72	0	1	
DESO0010	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/01/89-12/13/94	5	48	
DESO0012	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/28/95-10/13/98	2	12	
DESO0013	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/28/83-01/18/84	0	12	
DESO0014	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/08/72-12/02/87	15	56	T

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0016	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/01/89-12/13/94	5	48	
DESO0017	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/17/96-10/13/98	2	11	
DESO0018	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/28/83-01/19/84	0	13	
DESO0023	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/28/95-10/13/98	2	12	
DESO0024	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/28/95-10/13/98	2	12	
DESO0026	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/25/83-03/07/84	0	18	
DESO0027	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/25/83-03/07/84	0	18	
DESO0029	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	3	16	
DESO0031	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/27/95-11/16/98	2	12	
DESO0034	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	15	174	T,A
DESO0041	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/08/72-12/02/87	15	55	T
DESO0042	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	3	19	
DESO0043	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/01/89-12/13/94	5	48	
DESO0044	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/19/95-11/16/98	2	12	
DESO0045	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	3	16	
DESO0046	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	3	15	
DESO0047	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/17/96-10/13/98	2	11	
DESO0052	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/25/83-03/07/84	0	52	
DESO0054	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/27/95-10/12/98	2	10	
DESO0055	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/01/89-12/13/94	5	48	
DESO0059	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	3	19	
DESO0060	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/27/95-11/16/98	2	12	
DESO0063	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	3	16	
DESO0065	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/08/92-12/30/92	0	5	
DESO0066	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/20/95-11/16/98	2	11	
DESO0067	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/20/95-10/12/98	2	10	
DESO0071	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	3	15	
DESO0074	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	3	16	
DESO0026	No	00082	COLOR,SPECTROPHOTO,WATER SMPL AT7.6PH ADMI UNITS	06/28/83-06/28/83	0	1	
DESO0001	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/17/96-10/13/98	2	12	
DESO0004	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/17/96-10/13/98	2	11	
DESO0005	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	5	49	
DESO0010	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	5	49	
DESO0012	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/28/95-10/13/98	2	12	
DESO0016	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	5	49	
DESO0017	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/17/96-10/13/98	2	12	
DESO0023	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/28/95-10/13/98	2	12	
DESO0024	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/28/95-10/13/98	2	12	
DESO0031	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/27/95-11/16/98	2	13	
DESO0043	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	5	49	
DESO0044	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/95-11/16/98	2	11	
DESO0047	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/17/96-10/13/98	2	12	
DESO0054	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/27/95-10/12/98	2	11	
DESO0055	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	5	49	
DESO0060	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/27/95-11/16/98	2	13	
DESO0065	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/92-12/30/92	0	4	
DESO0066	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/20/95-11/16/98	2	13	
DESO0067	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/20/95-10/12/98	2	12	
DESO0014	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	15	56	T
DESO0020	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/71-10/20/71	0	3	
DESO0025	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/71-10/22/71	0	4	
DESO0029	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/90-05/10/94	3	23	
DESO0034	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	15	168	T,A
DESO0035	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/71-06/01/71	0	1	
DESO0041	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	15	54	T
DESO0042	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/90-02/08/94	3	21	
DESO0045	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/90-05/10/94	3	28	
DESO0046	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/90-05/10/94	3	30	
DESO0050	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/71-10/22/71	0	3	
DESO0051	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/13/73-03/13/73	0	1	
DESO0059	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/90-02/08/94	3	19	
DESO0063	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/90-05/10/94	3	29	
DESO0064	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/71-10/18/71	0	3	
DESO0071	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/90-05/10/94	3	30	
DESO0073	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/71-06/07/71	0	1	
DESO0074	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/90-05/10/94	3	30	
DESO0013	No	00100	TIME OF TRAVEL (HOURS)	08/18/83-08/18/83	0	1	
DESO0018	No	00100	TIME OF TRAVEL (HOURS)	09/21/83-09/21/83	0	1	
DESO0052	No	00100	TIME OF TRAVEL (HOURS)	09/20/83-09/20/83	0	1	
DESO0002	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	06/28/83-07/14/83	0	20	
DESO0003	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	06/28/83-06/28/83	0	24	
DESO0013	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	05/24/83-09/21/83	0	93	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0018	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	05/24/83-03/07/84	0	624	
DESO0026	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	05/24/83-06/28/83	0	36	
DESO0027	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	05/25/83-06/28/83	0	59	
DESO0052	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	05/25/83-09/21/83	0	87	
DESO0001	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/17/96-10/13/98	2	12	
DESO0002	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/25/83-03/07/84	0	61	
DESO0003	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/25/83-03/07/84	0	60	
DESO0004	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/17/96-10/13/98	2	11	
DESO0005	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/01/89-12/13/94	5	42	
DESO0008	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	8	145	
DESO0010	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/01/89-12/13/94	5	42	
DESO0012	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/28/95-10/13/98	2	12	
DESO0013	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/83-03/07/84	0	240	
DESO0016	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/01/89-12/13/94	5	42	
DESO0017	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/17/96-10/13/98	2	12	
DESO0018	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/83-03/07/84	0	285	
DESO0021	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	8	107	
DESO0022	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	8	114	
DESO0023	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/28/95-10/13/98	2	12	
DESO0024	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/28/95-10/13/98	2	12	
DESO0026	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/83-03/07/84	0	75	
DESO0027	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/25/83-03/07/84	0	79	
DESO0028	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	8	96	
DESO0029	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	3	27	
DESO0031	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/95-11/16/98	2	13	
DESO0039	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	8	129	
DESO0040	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	8	169	
DESO0042	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	3	29	
DESO0043	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/01/89-12/13/94	5	44	
DESO0044	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/19/95-11/16/98	2	12	
DESO0045	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	3	32	
DESO0046	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	3	32	
DESO0047	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/17/96-10/13/98	2	12	
DESO0052	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/16/82-03/07/84	1	145	
DESO0054	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/95-10/12/98	2	11	
DESO0055	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/01/89-12/13/94	5	42	
DESO0059	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	3	25	
DESO0060	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/95-11/16/98	2	13	
DESO0061	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	8	193	
DESO0062	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	8	112	
DESO0063	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	3	31	
DESO0065	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/08/92-12/30/92	0	4	
DESO0066	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/20/95-11/16/98	2	13	
DESO0067	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/20/95-10/12/98	2	12	
DESO0071	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	3	32	
DESO0074	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	3	32	
DESO0014	No	00300	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	20	97	T,S
DESO0020	No	00300	OXYGEN, DISSOLVED MG/L	10/20/71-10/20/71	0	3	
DESO0025	No	00300	OXYGEN, DISSOLVED MG/L	06/07/71-10/22/71	0	6	
DESO0034	No	00300	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	20	233	T,A,S
DESO0035	No	00300	OXYGEN, DISSOLVED MG/L	06/01/71-06/01/71	0	1	
DESO0041	No	00300	OXYGEN, DISSOLVED MG/L	01/27/67-12/02/87	20	101	T,S
DESO0050	No	00300	OXYGEN, DISSOLVED MG/L	10/22/71-10/22/71	0	3	
DESO0064	No	00300	OXYGEN, DISSOLVED MG/L	10/18/71-10/18/71	0	3	
DESO0073	No	00300	OXYGEN, DISSOLVED MG/L	06/07/71-06/07/71	0	2	
DESO0029	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	3	27	
DESO0042	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	3	29	
DESO0045	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	3	32	
DESO0046	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	3	32	
DESO0059	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	3	24	
DESO0063	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	3	31	
DESO0071	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	3	32	
DESO0074	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	3	32	
DESO0009	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/10/72-08/14/72	0	2	
DESO0011	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/72-08/14/72	0	1	
DESO0014	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	20	99	T,S
DESO0034	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	20	234	T,A,S
DESO0035	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/01/71-06/01/71	0	1	
DESO0041	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/67-12/02/87	20	100	T,S
DESO0064	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/71-10/18/71	0	1	
DESO0005	No	00311	BOD, DISSOLVED, 5 DAY MG/L	01/01/89-12/13/94	5	44	
DESO0010	No	00311	BOD, DISSOLVED, 5 DAY MG/L	01/01/89-12/13/94	5	43	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0016	No	00311	BOD, DISSOLVED, 5 DAY MG/L	01/01/89-12/13/94	5	44	
DESO0043	No	00311	BOD, DISSOLVED, 5 DAY MG/L	01/01/89-12/13/94	5	44	
DESO0055	No	00311	BOD, DISSOLVED, 5 DAY MG/L	01/01/89-12/13/94	5	44	
DESO0001	No	00400	PH (STANDARD UNITS)	04/23/96-10/13/98	2	11	
DESO0002	No	00400	PH (STANDARD UNITS)	05/25/83-03/07/84	0	58	
DESO0003	No	00400	PH (STANDARD UNITS)	05/25/83-03/07/84	0	55	
DESO0004	No	00400	PH (STANDARD UNITS)	04/23/96-10/13/98	2	10	
DESO0005	No	00400	PH (STANDARD UNITS)	01/01/89-12/13/94	5	48	
DESO0006	No	00400	PH (STANDARD UNITS)	04/04/72-07/13/87	15	165	T,A
DESO0007	No	00400	PH (STANDARD UNITS)	03/13/72-06/03/87	15	51	T
DESO0009	No	00400	PH (STANDARD UNITS)	03/13/72-07/06/87	15	169	T,A
DESO0010	No	00400	PH (STANDARD UNITS)	01/01/89-12/13/94	5	48	
DESO0011	No	00400	PH (STANDARD UNITS)	03/13/72-07/06/87	15	168	T,A
DESO0012	No	00400	PH (STANDARD UNITS)	12/28/95-10/13/98	2	12	
DESO0013	No	00400	PH (STANDARD UNITS)	05/24/83-03/07/84	0	228	
DESO0014	No	00400	PH (STANDARD UNITS)	01/25/67-06/10/87	20	95	T,S
DESO0015	No	00400	PH (STANDARD UNITS)	04/04/72-07/13/87	15	165	T,A
DESO0016	No	00400	PH (STANDARD UNITS)	01/01/89-12/13/94	5	48	
DESO0017	No	00400	PH (STANDARD UNITS)	04/11/96-10/13/98	2	11	
DESO0018	No	00400	PH (STANDARD UNITS)	05/24/83-03/07/84	0	274	
DESO0019	No	00400	PH (STANDARD UNITS)	01/23/72-07/13/87	15	166	T,A
DESO0020	No	00400	PH (STANDARD UNITS)	10/20/71-10/20/71	0	3	
DESO0023	No	00400	PH (STANDARD UNITS)	12/28/95-10/13/98	2	12	
DESO0024	No	00400	PH (STANDARD UNITS)	12/28/95-10/13/98	2	12	
DESO0025	No	00400	PH (STANDARD UNITS)	10/22/71-10/22/71	0	3	
DESO0026	No	00400	PH (STANDARD UNITS)	05/24/83-03/07/84	0	73	
DESO0027	No	00400	PH (STANDARD UNITS)	05/25/83-03/07/84	0	74	
DESO0030	No	00400	PH (STANDARD UNITS)	04/04/72-07/13/87	15	166	T,A
DESO0031	No	00400	PH (STANDARD UNITS)	11/27/95-11/16/98	2	12	
DESO0033	No	00400	PH (STANDARD UNITS)	03/13/72-06/03/87	15	49	T
DESO0034	No	00400	PH (STANDARD UNITS)	01/25/67-07/08/87	20	221	T,A,S
DESO0041	No	00400	PH (STANDARD UNITS)	01/27/67-06/10/87	20	96	T,S
DESO0043	No	00400	PH (STANDARD UNITS)	01/01/89-12/13/94	5	49	
DESO0044	No	00400	PH (STANDARD UNITS)	12/19/95-11/16/98	2	11	
DESO0047	No	00400	PH (STANDARD UNITS)	04/23/96-10/13/98	2	11	
DESO0048	No	00400	PH (STANDARD UNITS)	01/23/72-09/23/80	8	96	
DESO0050	No	00400	PH (STANDARD UNITS)	10/22/71-10/22/71	0	3	
DESO0052	No	00400	PH (STANDARD UNITS)	08/16/82-03/07/84	1	135	
DESO0054	No	00400	PH (STANDARD UNITS)	11/27/95-10/12/98	2	11	
DESO0055	No	00400	PH (STANDARD UNITS)	01/01/89-12/13/94	5	48	
DESO0060	No	00400	PH (STANDARD UNITS)	11/27/95-11/16/98	2	12	
DESO0064	No	00400	PH (STANDARD UNITS)	10/18/71-10/18/71	0	3	
DESO0065	No	00400	PH (STANDARD UNITS)	04/08/92-12/30/92	0	4	
DESO0066	No	00400	PH (STANDARD UNITS)	11/20/95-11/16/98	2	12	
DESO0067	No	00400	PH (STANDARD UNITS)	11/20/95-10/12/98	2	12	
DESO0006	No	00403	PH, LAB, STANDARD UNITS SU	09/08/87-12/15/87	0	4	
DESO0007	No	00403	PH, LAB, STANDARD UNITS SU	09/15/87-12/07/87	0	2	
DESO0008	No	00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	8	88	
DESO0009	No	00403	PH, LAB, STANDARD UNITS SU	08/11/87-12/07/87	0	5	
DESO0011	No	00403	PH, LAB, STANDARD UNITS SU	08/11/87-12/07/87	0	5	
DESO0014	No	00403	PH, LAB, STANDARD UNITS SU	09/06/72-12/02/87	15	4	
DESO0015	No	00403	PH, LAB, STANDARD UNITS SU	09/08/87-12/15/87	0	4	
DESO0019	No	00403	PH, LAB, STANDARD UNITS SU	09/08/87-12/15/87	0	4	
DESO0021	No	00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	8	108	
DESO0022	No	00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	8	110	
DESO0028	No	00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	8	98	
DESO0030	No	00403	PH, LAB, STANDARD UNITS SU	08/12/87-12/01/87	0	5	
DESO0033	No	00403	PH, LAB, STANDARD UNITS SU	09/15/87-12/07/87	0	2	
DESO0034	No	00403	PH, LAB, STANDARD UNITS SU	01/05/71-12/02/87	16	10	
DESO0039	No	00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	8	112	
DESO0040	No	00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	8	98	
DESO0041	No	00403	PH, LAB, STANDARD UNITS SU	09/06/72-12/02/87	15	4	
DESO0061	No	00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	8	108	
DESO0062	No	00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	8	110	
DESO0002	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/83-03/07/84	0	17	
DESO0003	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/83-03/07/84	0	19	
DESO0009	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/10/72-04/10/72	0	1	
DESO0026	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/83-03/07/84	0	18	
DESO0027	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/83-03/07/84	0	18	
DESO0052	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/83-03/07/84	0	53	
DESO0065	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/92-12/30/92	0	5	
DESO0006	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/14/71-12/14/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0001	No	00480	SALINITY - PARTS PER THOUSAND	01/17/96-10/13/98	2	12	
DESO0004	No	00480	SALINITY - PARTS PER THOUSAND	01/17/96-10/13/98	2	11	
DESO0006	No	00480	SALINITY - PARTS PER THOUSAND	09/12/67-10/10/67	0	4	
DESO0012	No	00480	SALINITY - PARTS PER THOUSAND	12/28/95-10/13/98	2	12	
DESO0014	No	00480	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	20	97	T,S
DESO0015	No	00480	SALINITY - PARTS PER THOUSAND	09/12/67-10/10/67	0	4	
DESO0017	No	00480	SALINITY - PARTS PER THOUSAND	01/17/96-10/13/98	2	12	
DESO0019	No	00480	SALINITY - PARTS PER THOUSAND	09/12/67-10/10/67	0	4	
DESO0023	No	00480	SALINITY - PARTS PER THOUSAND	12/28/95-10/13/98	2	12	
DESO0024	No	00480	SALINITY - PARTS PER THOUSAND	12/28/95-10/13/98	2	12	
DESO0029	No	00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	3	27	
DESO0030	No	00480	SALINITY - PARTS PER THOUSAND	09/12/67-10/10/67	0	4	
DESO0031	No	00480	SALINITY - PARTS PER THOUSAND	11/27/95-11/16/98	2	13	
DESO0034	No	00480	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	20	232	T,A,S
DESO0041	No	00480	SALINITY - PARTS PER THOUSAND	12/12/66-12/02/87	20	100	T,S
DESO0042	No	00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	3	29	
DESO0044	No	00480	SALINITY - PARTS PER THOUSAND	12/19/95-11/16/98	2	12	
DESO0045	No	00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	3	32	
DESO0046	No	00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	3	32	
DESO0047	No	00480	SALINITY - PARTS PER THOUSAND	01/17/96-10/13/98	2	12	
DESO0049	No	00480	SALINITY - PARTS PER THOUSAND	09/12/67-10/10/67	0	4	
DESO0054	No	00480	SALINITY - PARTS PER THOUSAND	11/27/95-10/12/98	2	11	
DESO0059	No	00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	3	24	
DESO0060	No	00480	SALINITY - PARTS PER THOUSAND	11/27/95-11/16/98	2	13	
DESO0063	No	00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	3	31	
DESO0066	No	00480	SALINITY - PARTS PER THOUSAND	11/20/95-11/16/98	2	13	
DESO0067	No	00480	SALINITY - PARTS PER THOUSAND	11/20/95-10/12/98	2	12	
DESO0071	No	00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	3	32	
DESO0074	No	00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	3	32	
DESO0001	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/17/96-10/13/98	2	12	
DESO0004	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/17/96-10/13/98	2	10	
DESO0005	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	50	
DESO0010	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	50	
DESO0012	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/28/95-10/13/98	2	12	
DESO0016	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	50	
DESO0017	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/17/96-10/13/98	2	12	
DESO0023	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/28/95-10/13/98	2	12	
DESO0024	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/28/95-10/13/98	2	10	
DESO0029	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	16	
DESO0031	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/27/95-11/16/98	2	12	
DESO0042	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	19	
DESO0043	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	50	
DESO0044	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/95-11/16/98	2	11	
DESO0045	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	16	
DESO0046	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	15	
DESO0047	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/17/96-10/13/98	2	12	
DESO0054	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/27/95-10/12/98	2	11	
DESO0055	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	49	
DESO0059	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	19	
DESO0060	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/27/95-11/16/98	2	12	
DESO0063	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	16	
DESO0065	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/08/92-12/30/92	0	5	
DESO0066	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/20/95-11/16/98	2	12	
DESO0067	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/20/95-10/12/98	2	12	
DESO0071	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	15	
DESO0074	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	16	
DESO0005	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	39	
DESO0010	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	39	
DESO0016	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	39	
DESO0029	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	16	
DESO0042	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	19	
DESO0043	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	39	
DESO0045	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	16	
DESO0046	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	15	
DESO0055	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	36	
DESO0059	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	19	
DESO0063	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	16	
DESO0071	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	15	
DESO0074	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	3	16	
DESO0002	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	17	
DESO0003	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	19	
DESO0013	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	50	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0018	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	45	
DESO0020	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/20/71-10/20/71	0	1	
DESO0025	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/22/71-10/22/71	0	1	
DESO0026	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	18	
DESO0027	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	18	
DESO0050	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/22/71-10/22/71	0	1	
DESO0052	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	52	
DESO0064	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/18/71-10/18/71	0	1	
DESO0025	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/22/71-10/22/71	0	1	
DESO0050	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/22/71-10/22/71	0	1	
DESO0020	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/20/71-10/20/71	0	1	
DESO0025	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/07/71-10/22/71	0	2	
DESO0035	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/01/71-06/01/71	0	1	
DESO0050	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/22/71-10/22/71	0	1	
DESO0064	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/71-10/18/71	0	3	
DESO0073	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/07/71-06/07/71	0	1	
DESO0001	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/17/96-10/13/98	2	11	
DESO0002	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	17	
DESO0003	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	19	
DESO0004	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/17/96-10/13/98	2	11	
DESO0005	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/01/89-12/13/94	5	43	
DESO0010	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/01/89-12/13/94	5	43	
DESO0012	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/28/95-10/13/98	2	10	
DESO0013	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	50	
DESO0016	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/01/89-12/13/94	5	43	
DESO0017	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/17/96-10/13/98	2	12	
DESO0018	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	45	
DESO0020	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/71-10/20/71	0	1	
DESO0023	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/28/95-10/13/98	2	10	
DESO0024	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/28/95-10/13/98	2	11	
DESO0025	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/07/71-10/22/71	0	2	
DESO0026	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	18	
DESO0027	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	18	
DESO0029	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	3	15	
DESO0031	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/95-11/16/98	2	12	
DESO0035	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/01/71-06/01/71	0	1	
DESO0042	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	3	18	
DESO0043	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/01/89-12/13/94	5	43	
DESO0044	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/21/96-11/16/98	2	10	
DESO0045	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	3	15	
DESO0046	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	3	14	
DESO0047	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/17/96-10/13/98	2	11	
DESO0050	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/22/71-10/22/71	0	1	
DESO0051	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/73-03/13/73	0	1	
DESO0052	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	0	51	
DESO0054	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/95-10/12/98	2	10	
DESO0055	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/01/89-12/13/94	5	43	
DESO0059	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	3	18	
DESO0060	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/95-11/16/98	2	12	
DESO0063	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	3	15	
DESO0064	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/71-10/18/71	0	3	
DESO0065	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/08/92-12/30/92	0	5	
DESO0066	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/96-11/16/98	2	11	
DESO0067	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/20/95-10/12/98	2	12	
DESO0071	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	3	14	
DESO0073	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/07/71-06/07/71	0	1	
DESO0074	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	3	15	
DESO0020	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/20/71-10/20/71	0	1	
DESO0025	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/07/71-10/22/71	0	2	
DESO0035	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/71-06/01/71	0	1	
DESO0050	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/22/71-10/22/71	0	1	
DESO0064	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/71-10/18/71	0	3	
DESO0073	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/07/71-06/07/71	0	1	
DESO0020	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/20/71-10/20/71	0	1	
DESO0025	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/07/71-10/22/71	0	2	
DESO0035	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/01/71-06/01/71	0	1	
DESO0050	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/22/71-10/22/71	0	1	
DESO0051	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/13/73-03/13/73	0	1	
DESO0064	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/71-10/18/71	0	3	
DESO0073	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/07/71-06/07/71	0	1	
DESO0001	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/17/96-10/13/98	2	12	
DESO0004	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/17/96-10/13/98	2	11	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0005	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	5	50	
DESO0010	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	5	50	
DESO0012	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/28/95-10/13/98	2	12	
DESO0016	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	5	50	
DESO0017	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/17/96-10/13/98	2	12	
DESO0020	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/71-10/20/71	0	1	
DESO0023	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/28/95-10/13/98	2	12	
DESO0024	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/28/95-10/13/98	2	12	
DESO0025	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/07/71-10/22/71	0	2	
DESO0031	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/27/95-11/16/98	2	12	
DESO0035	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/01/71-06/01/71	0	1	
DESO0043	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	5	50	
DESO0044	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/95-11/16/98	2	11	
DESO0047	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/17/96-10/13/98	2	12	
DESO0050	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/22/71-10/22/71	0	1	
DESO0054	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/27/95-10/12/98	2	11	
DESO0055	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	5	50	
DESO0060	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/27/95-11/16/98	2	12	
DESO0064	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/71-10/18/71	0	3	
DESO0066	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/20/95-11/16/98	2	12	
DESO0067	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/20/95-10/12/98	2	12	
DESO0073	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/07/71-06/07/71	0	1	
DESO0014	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	20	36	S
DESO0020	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/20/71-10/20/71	0	1	
DESO0025	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/07/71-10/22/71	0	2	
DESO0034	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	20	106	T,S
DESO0041	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/05/67-12/02/87	20	34	S
DESO0050	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/22/71-10/22/71	0	1	
DESO0051	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/13/73-03/13/73	0	1	
DESO0064	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/18/71-10/18/71	0	3	
DESO0073	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/07/71-06/07/71	0	1	
DESO0001	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/96-10/13/98	2	12	
DESO0004	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/96-10/13/98	2	11	
DESO0005	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/01/89-12/13/94	5	44	
DESO0010	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/01/89-12/13/94	5	44	
DESO0012	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/28/95-10/13/98	2	12	
DESO0016	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/01/89-12/13/94	5	43	
DESO0017	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/96-10/13/98	2	12	
DESO0020	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/20/71-10/20/71	0	1	
DESO0023	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/28/95-10/13/98	2	12	
DESO0024	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/28/95-10/13/98	2	12	
DESO0025	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/07/71-06/07/71	0	1	
DESO0029	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	3	16	
DESO0031	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/27/95-11/16/98	2	13	
DESO0035	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/01/71-06/01/71	0	1	
DESO0042	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	3	19	
DESO0043	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/01/89-12/13/94	5	42	
DESO0044	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/95-11/16/98	2	12	
DESO0045	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	3	15	
DESO0046	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	3	15	
DESO0047	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/96-10/13/98	2	12	
DESO0054	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/27/95-10/12/98	2	11	
DESO0055	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/01/89-12/13/94	5	44	
DESO0059	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	3	19	
DESO0060	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/27/95-11/16/98	2	13	
DESO0063	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	3	16	
DESO0064	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/71-10/18/71	0	1	
DESO0065	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/92-12/30/92	0	5	
DESO0066	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/20/95-11/16/98	2	13	
DESO0067	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/20/95-10/12/98	2	12	
DESO0071	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	3	15	
DESO0073	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/07/71-06/07/71	0	1	
DESO0074	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	3	16	
DESO0002	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	0	17	
DESO0003	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	0	19	
DESO0013	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	0	50	
DESO0018	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	0	45	
DESO0026	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	0	18	
DESO0027	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	0	18	
DESO0029	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	3	16	
DESO0042	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	3	19	
DESO0045	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	3	16	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0046	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	3	15	
DESO0052	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	0	52	
DESO0059	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	3	19	
DESO0063	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	3	16	
DESO0065	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/08/92-12/30/92	0	5	
DESO0071	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	3	15	
DESO0074	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	3	16	
DESO0001	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/17/96-10/13/98	2	12	
DESO0004	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/17/96-10/13/98	2	11	
DESO0005	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	5	50	
DESO0010	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	5	50	
DESO0012	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	12/28/95-10/13/98	2	12	
DESO0016	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	5	50	
DESO0017	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/17/96-10/13/98	2	12	
DESO0023	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	12/28/95-10/13/98	2	12	
DESO0024	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	12/28/95-10/13/98	2	12	
DESO0031	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/27/95-11/16/98	2	12	
DESO0043	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	5	49	
DESO0044	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	12/19/95-11/16/98	2	11	
DESO0047	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/17/96-10/13/98	2	12	
DESO0054	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/27/95-10/12/98	2	11	
DESO0055	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	5	50	
DESO0060	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/27/95-11/16/98	2	13	
DESO0066	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/20/95-11/16/98	2	12	
DESO0067	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/20/95-10/12/98	2	12	
DESO0009	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/10/72-04/10/72	0	1	
DESO0034	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/02/71-02/02/71	0	1	
DESO0014	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	11	39	
DESO0034	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	11	91	T
DESO0041	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/66-12/05/78	11	41	T
DESO0001	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/96-10/13/98	2	12	
DESO0004	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/96-10/13/98	2	9	
DESO0009	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/10/72-04/10/72	0	1	
DESO0012	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/28/95-10/13/98	2	12	
DESO0017	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/96-10/13/98	2	10	
DESO0020	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/71-10/20/71	0	1	
DESO0023	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/28/95-10/13/98	2	12	
DESO0024	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/28/95-10/13/98	2	10	
DESO0025	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/22/71-10/22/71	0	1	
DESO0029	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	3	16	
DESO0031	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/27/95-11/16/98	2	13	
DESO0042	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	3	19	
DESO0044	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/19/95-11/16/98	2	11	
DESO0045	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	3	16	
DESO0046	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	3	15	
DESO0047	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/96-10/13/98	2	12	
DESO0050	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/22/71-10/22/71	0	1	
DESO0054	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/27/95-10/12/98	2	11	
DESO0059	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	3	19	
DESO0060	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/27/95-11/16/98	2	12	
DESO0063	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	3	16	
DESO0064	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/71-10/18/71	0	1	
DESO0065	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/92-12/30/92	0	5	
DESO0066	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/20/95-11/16/98	2	13	
DESO0067	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/20/95-10/12/98	2	11	
DESO0071	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	3	15	
DESO0074	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	3	15	
DESO0020	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	10/20/71-10/20/71	0	1	
DESO0025	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	10/22/71-10/22/71	0	1	
DESO0050	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	10/22/71-10/22/71	0	1	
DESO0064	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	10/18/71-10/18/71	0	1	
DESO0002	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	0	17	
DESO0003	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	0	19	
DESO0013	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	0	50	
DESO0018	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	0	45	
DESO0026	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	0	18	
DESO0027	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	0	18	
DESO0052	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	0	52	
DESO0020	No	00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	10/20/71-10/20/71	0	1	
DESO0025	No	00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	06/07/71-10/22/71	0	2	
DESO0035	No	00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	06/01/71-06/01/71	0	1	
DESO0050	No	00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	10/22/71-10/22/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0064	No	00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	10/18/71-10/18/71	0	3	
DESO0073	No	00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	06/07/71-06/07/71	0	1	
DESO0020	No	00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	10/20/71-10/20/71	0	1	
DESO0025	No	00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	06/07/71-10/22/71	0	2	
DESO0035	No	00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	06/01/71-06/01/71	0	1	
DESO0050	No	00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	10/22/71-10/22/71	0	1	
DESO0064	No	00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	10/18/71-10/18/71	0	3	
DESO0073	No	00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	06/07/71-06/07/71	0	1	
DESO0020	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/20/71-10/20/71	0	1	
DESO0025	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/07/71-10/22/71	0	2	
DESO0029	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	2	12	
DESO0035	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/01/71-06/01/71	0	1	
DESO0042	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	2	12	
DESO0045	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	2	12	
DESO0046	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	2	11	
DESO0050	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/22/71-10/22/71	0	1	
DESO0059	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	2	14	
DESO0063	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	2	11	
DESO0064	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/71-10/18/71	0	3	
DESO0065	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/08/92-12/30/92	0	5	
DESO0071	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	2	12	
DESO0073	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/07/71-06/07/71	0	1	
DESO0074	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	2	12	
DESO0020	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/20/71-10/20/71	0	1	
DESO0025	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/22/71-10/22/71	0	1	
DESO0035	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/01/71-06/01/71	0	1	
DESO0050	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/22/71-10/22/71	0	1	
DESO0064	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/71-10/18/71	0	3	
DESO0073	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/07/71-06/07/71	0	1	
DESO0020	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/20/71-10/20/71	0	1	
DESO0025	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	06/07/71-10/22/71	0	2	
DESO0029	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	2	12	
DESO0035	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	06/01/71-06/01/71	0	1	
DESO0042	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	2	12	
DESO0045	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	2	12	
DESO0046	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	2	11	
DESO0050	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/22/71-10/22/71	0	1	
DESO0059	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	2	14	
DESO0063	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-02/09/93	2	11	
DESO0064	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/18/71-10/18/71	0	3	
DESO0071	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	2	11	
DESO0073	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	06/07/71-06/07/71	0	1	
DESO0074	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	2	12	
DESO0020	No	00690	CARBON, TOTAL (MG/L AS C)	10/20/71-10/20/71	0	1	
DESO0025	No	00690	CARBON, TOTAL (MG/L AS C)	06/07/71-10/22/71	0	2	
DESO0035	No	00690	CARBON, TOTAL (MG/L AS C)	06/01/71-06/01/71	0	1	
DESO0050	No	00690	CARBON, TOTAL (MG/L AS C)	10/22/71-10/22/71	0	1	
DESO0064	No	00690	CARBON, TOTAL (MG/L AS C)	10/18/71-10/18/71	0	3	
DESO0073	No	00690	CARBON, TOTAL (MG/L AS C)	06/07/71-06/07/71	0	1	
DESO0020	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/20/71-10/20/71	0	1	
DESO0025	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/22/71-10/22/71	0	1	
DESO0035	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	06/01/71-06/01/71	0	1	
DESO0050	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/22/71-10/22/71	0	1	
DESO0064	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/18/71-10/18/71	0	3	
DESO0073	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	06/07/71-06/07/71	0	1	
DESO0014	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	20	95	T,S
DESO0034	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	20	225	T,A,S
DESO0041	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/02/67-12/02/87	20	99	T,S
DESO0014	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	20	96	T,S
DESO0020	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/71-10/20/71	0	3	
DESO0025	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/71-10/22/71	0	4	
DESO0034	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	20	230	T,A,S
DESO0035	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/71-06/01/71	0	1	
DESO0041	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/27/67-12/02/87	20	102	T,S
DESO0050	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/22/71-10/22/71	0	3	
DESO0051	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/13/73-03/13/73	0	1	
DESO0064	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/18/71-10/18/71	0	3	
DESO0065	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/30/92-12/30/92	0	2	
DESO0073	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/71-06/07/71	0	1	
DESO0005	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/01/89-04/26/94	5	41	
DESO0010	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/01/89-04/26/94	5	41	
DESO0016	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/01/89-04/26/94	5	41	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0043	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/01/89-04/26/94	5	41	
DESO0055	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/01/89-04/26/94	5	41	
DESO0065	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/30/92-12/30/92	0	2	
DESO0009	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/72-08/14/72	0	1	
DESO0011	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/72-08/14/72	0	1	
DESO0014	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	8	56	
DESO0034	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	8	99	
DESO0041	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/27/67-12/02/75	8	60	
DESO0049	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/10/72-02/10/72	0	1	
DESO0014	No	00951	FLUORIDE, TOTAL (MG/L AS F)	03/03/76-12/02/87	11	42	T
DESO0034	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	11	129	T,A
DESO0041	No	00951	FLUORIDE, TOTAL (MG/L AS F)	03/03/76-12/02/87	11	40	T
DESO0065	No	00951	FLUORIDE, TOTAL (MG/L AS F)	12/30/92-12/30/92	0	2	
DESO0020	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/71-10/20/71	0	1	
DESO0025	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/22/71-10/22/71	0	1	
DESO0050	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/22/71-10/22/71	0	1	
DESO0064	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/18/71-10/18/71	0	1	
DESO0035	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/01/71-06/01/71	0	1	
DESO0032	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	0	2	
DESO0036	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	0	2	
DESO0038	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	0	2	
DESO0053	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	0	2	
DESO0056	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	0	2	
DESO0057	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	0	2	
DESO0068	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	0	2	
DESO0070	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	0	2	
DESO0072	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	0	2	
DESO0035	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/01/71-06/01/71	0	1	
DESO0032	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	0	2	
DESO0036	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	0	2	
DESO0038	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	0	2	
DESO0053	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	0	2	
DESO0056	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	0	2	
DESO0057	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	0	2	
DESO0068	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	0	2	
DESO0070	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	0	2	
DESO0072	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	0	2	
DESO0035	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/01/71-06/01/71	0	1	
DESO0035	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/01/71-06/01/71	0	1	
DESO0064	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/18/71-10/18/71	0	1	
DESO0035	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/01/71-06/01/71	0	1	
DESO0064	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/18/71-10/18/71	0	1	
DESO0032	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	0	2	
DESO0036	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	0	2	
DESO0038	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	0	2	
DESO0053	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	0	2	
DESO0056	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	0	2	
DESO0057	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	0	2	
DESO0068	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	0	2	
DESO0070	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	0	2	
DESO0072	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	0	2	
DESO0064	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/18/71-10/18/71	0	1	
DESO0035	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/01/71-06/01/71	0	1	
DESO0064	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/18/71-10/18/71	0	1	
DESO0032	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	0	2	
DESO0036	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	0	2	
DESO0038	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	0	2	
DESO0053	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	0	2	
DESO0056	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	0	2	
DESO0057	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	0	2	
DESO0068	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	0	2	
DESO0070	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	0	2	
DESO0072	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	0	2	
DESO0035	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/01/71-06/01/71	0	1	
DESO0035	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/01/71-06/01/71	0	1	
DESO0064	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/18/71-10/18/71	0	1	
DESO0032	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	0	2	
DESO0036	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	0	2	
DESO0038	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	0	2	
DESO0053	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	0	2	
DESO0056	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	0	2	
DESO0057	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	0	2	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0068	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	0	2	
DESO0070	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	0	2	
DESO0072	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	0	2	
DESO0032	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	0	2	
DESO0036	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	0	2	
DESO0038	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	0	2	
DESO0053	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	0	2	
DESO0056	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	0	2	
DESO0057	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	0	2	
DESO0068	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	0	2	
DESO0070	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	0	2	
DESO0072	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	0	2	
DESO0035	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/01/71-06/01/71	0	1	
DESO0064	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/18/71-10/18/71	0	1	
DESO0037	No	04377	FECAL STREPTOCOCCI, 5 TUBE, SHELLFISH MPN	04/26/90-10/29/90	0	4	
DESO0058	No	04377	FECAL STREPTOCOCCI, 5 TUBE, SHELLFISH MPN	04/26/90-10/29/90	0	4	
DESO0069	No	04377	FECAL STREPTOCOCCI, 5 TUBE, SHELLFISH MPN	04/26/90-10/29/90	0	3	
DESO0005	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/01/90-04/29/91	0	4	
DESO0010	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/01/90-04/29/91	0	4	
DESO0016	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/01/90-04/29/91	0	4	
DESO0035	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/71-06/01/71	0	1	
DESO0043	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/01/90-04/29/91	0	5	
DESO0055	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/01/90-04/29/91	0	4	
DESO0064	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/71-10/18/71	0	1	
DESO0006	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	20	212	T,A,S
DESO0007	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	20	97	T,S
DESO0009	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	20	218	T,A,S
DESO0011	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	20	214	T,A,S
DESO0015	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	20	211	T,A,S
DESO0019	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	20	215	T,A,S
DESO0030	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	20	208	T,A,S
DESO0033	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	20	99	T,S
DESO0034	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/08/87-07/08/87	0	1	
DESO0037	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/26/90-10/29/90	0	2	
DESO0048	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	8	98	
DESO0049	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-02/22/72	4	43	
DESO0058	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/26/90-10/29/90	0	2	
DESO0069	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/26/90-10/29/90	0	2	
DESO0037	No	31520	COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35C	04/26/90-10/29/90	0	4	
DESO0058	No	31520	COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35C	04/26/90-10/29/90	0	4	
DESO0069	No	31520	COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35C	04/26/90-10/29/90	0	3	
DESO0037	No	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/26/90-04/26/90	0	1	
DESO0058	No	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/26/90-04/26/90	0	1	
DESO0069	No	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/26/90-04/26/90	0	1	
DESO0006	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	6	67	
DESO0007	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	6	29	
DESO0009	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	6	58	
DESO0011	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	6	59	
DESO0015	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	6	66	
DESO0019	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	6	69	
DESO0030	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	6	60	
DESO0033	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	6	31	
DESO0048	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	4	43	
DESO0049	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-02/22/72	2	27	
DESO0006	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	18	196	T,A
DESO0007	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	18	70	T
DESO0009	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	18	188	T,A
DESO0011	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	18	187	T,A
DESO0015	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	18	193	T,A
DESO0019	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	18	197	T,A
DESO0030	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	18	189	T,A
DESO0033	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	18	71	T
DESO0034	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/08/87-07/08/87	0	1	
DESO0048	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	8	96	
DESO0049	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-02/22/72	2	27	
DESO0006	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/25/84-09/25/84	0	1	
DESO0064	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/71-10/18/71	0	1	
DESO0065	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/08/92-12/30/92	0	5	
DESO0008	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	8	92	
DESO0021	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	8	115	
DESO0022	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	8	117	
DESO0028	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	8	105	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0037	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/26/90-10/29/90	0	2	
DESO0039	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	8	118	
DESO0040	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	8	103	
DESO0058	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/26/90-10/29/90	0	2	
DESO0061	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	8	115	
DESO0062	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	8	117	
DESO0069	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/26/90-10/29/90	0	2	
DESO0037	No	31629	AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/100ML	04/26/90-10/29/90	0	2	
DESO0058	No	31629	AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/100ML	04/26/90-10/29/90	0	2	
DESO0069	No	31629	AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/100ML	04/26/90-10/29/90	0	2	
DESO0037	No	31634	VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0058	No	31634	VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0069	No	31634	VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0037	No	31640	FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	04/26/90-10/29/90	0	4	
DESO0058	No	31640	FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	04/26/90-10/29/90	0	4	
DESO0069	No	31640	FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	04/26/90-10/29/90	0	3	
DESO0037	No	31675	FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 31676)	04/26/90-10/29/90	0	2	
DESO0058	No	31675	FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 31676)	04/26/90-10/29/90	0	2	
DESO0069	No	31675	FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 31676)	04/26/90-10/29/90	0	2	
DESO0064	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/71-10/18/71	0	1	
DESO0037	No	31748	STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	04/26/90-10/29/90	0	2	
DESO0058	No	31748	STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	04/26/90-10/29/90	0	2	
DESO0069	No	31748	STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	04/26/90-10/29/90	0	2	
DESO0001	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/17/96-10/13/98	2	12	
DESO0002	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	0	11	
DESO0003	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	0	12	
DESO0004	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/17/96-10/13/98	2	11	
DESO0005	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/01/89-12/13/94	5	43	
DESO0010	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/01/89-12/13/94	5	43	
DESO0012	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/28/95-10/13/98	2	12	
DESO0013	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	0	34	
DESO0016	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/01/89-12/13/94	5	44	
DESO0017	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/17/96-10/13/98	2	12	
DESO0018	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	0	29	
DESO0023	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/28/95-10/13/98	2	12	
DESO0024	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/28/95-10/13/98	2	12	
DESO0026	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	0	12	
DESO0027	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	0	12	
DESO0029	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	14	
DESO0031	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11/27/95-11/16/98	2	12	
DESO0042	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	15	
DESO0043	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/01/89-12/13/94	5	42	
DESO0044	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/19/95-11/16/98	2	10	
DESO0045	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	14	
DESO0046	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	13	
DESO0047	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/17/96-10/13/98	2	12	
DESO0052	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	0	34	
DESO0054	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11/27/95-10/12/98	2	11	
DESO0055	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/01/89-12/13/94	5	43	
DESO0059	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	17	
DESO0060	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11/27/95-11/16/98	2	12	
DESO0063	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	14	
DESO0066	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11/20/95-11/16/98	2	12	
DESO0067	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11/20/95-10/12/98	2	11	
DESO0071	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	13	
DESO0074	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	14	
DESO0002	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	0	17	
DESO0003	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	0	19	
DESO0013	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	0	50	
DESO0018	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	0	45	
DESO0026	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	0	18	
DESO0027	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	0	18	
DESO0052	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	0	52	
DESO0065	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/08/92-12/30/92	0	5	
DESO0005	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	4	36	
DESO0010	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	4	29	
DESO0016	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	4	29	
DESO0029	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	14	
DESO0042	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	15	
DESO0043	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	4	29	
DESO0045	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	14	
DESO0046	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	13	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0055	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	4	29	
DESO0059	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	17	
DESO0063	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	14	
DESO0071	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	13	
DESO0074	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	14	
DESO0005	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	4	29	
DESO0010	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	4	29	
DESO0016	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	4	29	
DESO0029	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	14	
DESO0042	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	15	
DESO0043	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	4	29	
DESO0045	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	14	
DESO0046	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	13	
DESO0055	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	4	29	
DESO0059	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	17	
DESO0063	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	14	
DESO0071	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	13	
DESO0074	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	3	14	
DESO0002	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	0	6	
DESO0003	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	0	7	
DESO0013	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	0	16	
DESO0018	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	0	15	
DESO0026	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	0	6	
DESO0027	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	0	6	
DESO0052	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	0	18	
DESO0065	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/08/92-12/30/92	0	5	
DESO0005	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/01/90-07/13/92	1	12	
DESO0010	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/01/90-07/13/92	1	12	
DESO0016	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/01/90-07/13/92	1	12	
DESO0043	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/01/90-07/13/92	1	12	
DESO0055	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/01/90-07/13/92	1	12	
DESO0005	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/01/89-12/13/94	5	42	
DESO0010	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/01/89-12/13/94	5	42	
DESO0016	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/01/89-12/13/94	5	42	
DESO0043	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/01/89-12/13/94	5	41	
DESO0055	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/01/89-12/13/94	5	42	
DESO0064	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/18/71-10/18/71	0	1	
DESO0032	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	0	2	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0072	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0072	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0036	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0038	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0053	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0056	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0057	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0068	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0070	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0072	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0032	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0036	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0038	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0053	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0056	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0057	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0068	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0070	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0072	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0032	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0036	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0038	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0053	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0056	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0057	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0068	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0070	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0072	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0032	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0036	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0038	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0053	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0056	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0057	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0068	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0070	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0072	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0032	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0036	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0038	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0053	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0056	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0057	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0068	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0070	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0072	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0032	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0036	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0038	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0053	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0056	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0057	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0068	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0070	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0072	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0032	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0036	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0038	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0051	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0053	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0056	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0057	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0068	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0070	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0072	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0051	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	03/13/73-03/13/73	0	1	
DESO0051	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	03/13/73-03/13/73	0	1	
DESO0051	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0051	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0051	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0032	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0036	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0038	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0051	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/13/73-03/13/73	0	1	
DESO0053	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0056	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0057	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0068	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0070	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0072	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0032	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0036	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0038	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0051	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0053	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0056	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0057	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0068	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0070	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0072	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0051	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0051	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/13/73-03/13/73	0	1	
DESO0032	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0036	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0038	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0051	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0053	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0056	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0057	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0068	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0070	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0072	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0032	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0036	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0038	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0051	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	03/13/73-03/13/73	0	1	
DESO0053	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0056	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0057	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0068	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0070	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0072	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	0	2	
DESO0051	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0051	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0051	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0051	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0051	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	03/13/73-03/13/73	0	1	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0051	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0051	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0051	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0032	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0036	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0038	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0053	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0056	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0057	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0068	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0070	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0072	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	0	2	
DESO0051	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0051	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	0	1	
DESO0029	No	50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	3	16	
DESO0042	No	50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	3	19	
DESO0045	No	50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	3	16	
DESO0046	No	50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	3	15	
DESO0059	No	50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	3	19	
DESO0063	No	50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	3	16	
DESO0071	No	50785	ORTHOPHOSPHORUS AS P, WATER MG/L	11/14/90-05/10/94	3	14	
DESO0074	No	50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	3	16	
DESO0037	No	50841	AVERAGE SHELL LENGTH CM	04/26/90-10/29/90	0	4	
DESO0058	No	50841	AVERAGE SHELL LENGTH CM	04/26/90-10/29/90	0	4	
DESO0069	No	50841	AVERAGE SHELL LENGTH CM	04/26/90-10/29/90	0	4	
DESO0037	No	50842	ARSENIC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50842	ARSENIC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50842	ARSENIC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50843	MERCURY IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50843	MERCURY IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50843	MERCURY IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50844	ALPHA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50844	ALPHA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50844	ALPHA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50845	BETA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50845	BETA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50845	BETA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50847	ACENAPHTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50847	ACENAPHTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50847	ACENAPHTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50848	ACENAPHTHYLENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50848	ACENAPHTHYLENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50848	ACENAPHTHYLENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50849	BENZO(A)ANTHRACENE IN SHELLFISH TISDRY WEIGHTMG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50849	BENZO(A)ANTHRACENE IN SHELLFISH TISDRY WEIGHTMG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50849	BENZO(A)ANTHRACENE IN SHELLFISH TISDRY WEIGHTMG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50850	BENZO(A)PYRENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50850	BENZO(A)PYRENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50850	BENZO(A)PYRENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50851	BENZO(K)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50851	BENZO(K)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50851	BENZO(K)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50852	BENZO(B)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50852	BENZO(B)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50852	BENZO(B)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50853	DIBENZO(A,H)ANTHRACENE IN SHELLFSH TIS DRYWGTMG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50853	DIBENZO(A,H)ANTHRACENE IN SHELLFSH TIS DRYWGTMG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50853	DIBENZO(A,H)ANTHRACENE IN SHELLFSH TIS DRYWGTMG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50854	FLUORENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50854	FLUORENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50854	FLUORENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50855	NAPHTHALENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50855	NAPHTHALENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50855	NAPHTHALENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50856	ANTHRACENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50856	ANTHRACENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50856	ANTHRACENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50857	BENZO(GHI)PERYLENE IN SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50857	BENZO(GHI)PERYLENE IN SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50857	BENZO(GHI)PERYLENE IN SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50858	CHRYSENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50858	CHRYSENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0069	No	50858	CHRYSENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50859	FLUORANTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50859	FLUORANTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50859	FLUORANTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50860	INDENO(1,2,3-CD)PYRENE IN SHELLFSH TIS DRYWGTMG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50860	INDENO(1,2,3-CD)PYRENE IN SHELLFSH TIS DRYWGTMG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50860	INDENO(1,2,3-CD)PYRENE IN SHELLFSH TIS DRYWGTMG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50861	PHENANTHRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50861	PHENANTHRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50861	PHENANTHRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50862	PYRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50862	PYRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50862	PYRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50863	2-METHYLNAPHTHALENE IN SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50863	2-METHYLNAPHTHALENE IN SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50863	2-METHYLNAPHTHALENE IN SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50864	PHENANTHRENE, 1-METHYL,SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50864	PHENANTHRENE, 1-METHYL,SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50864	PHENANTHRENE, 1-METHYL,SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50865	VIBRIO ALGINOLYTICUS, 3-TUBE WT TIS SHELFHMPN/100G	04/26/90-10/29/90	0	4	
DESO0058	No	50865	VIBRIO ALGINOLYTICUS, 3-TUBE WT TIS SHELFHMPN/100G	04/26/90-10/29/90	0	4	
DESO0069	No	50865	VIBRIO ALGINOLYTICUS, 3-TUBE WT TIS SHELFHMPN/100G	04/26/90-10/29/90	0	4	
DESO0037	No	50866	VIBRIO CHOLERAE, 3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	0	4	
DESO0058	No	50866	VIBRIO CHOLERAE, 3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	0	4	
DESO0069	No	50866	VIBRIO CHOLERAE, 3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	0	4	
DESO0037	No	50868	VIBRIO FLUVIALIS,3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	0	4	
DESO0058	No	50868	VIBRIO FLUVIALIS,3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	0	4	
DESO0069	No	50868	VIBRIO FLUVIALIS,3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	0	4	
DESO0037	No	50869	VIBRIO HOLLISAE,3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	0	4	
DESO0058	No	50869	VIBRIO HOLLISAE,3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	0	4	
DESO0069	No	50869	VIBRIO HOLLISAE,3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	0	4	
DESO0037	No	50870	VIBRIO METSCHNIKOVII,3-TUBE WET TIS SHELFHMPN/100G	04/26/90-10/29/90	0	4	
DESO0058	No	50870	VIBRIO METSCHNIKOVII,3-TUBE WET TIS SHELFHMPN/100G	04/26/90-10/29/90	0	4	
DESO0069	No	50870	VIBRIO METSCHNIKOVII,3-TUBE WET TIS SHELFHMPN/100G	04/26/90-10/29/90	0	4	
DESO0037	No	50871	VIBRIO MIMICUS, 3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	0	4	
DESO0058	No	50871	VIBRIO MIMICUS, 3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	0	4	
DESO0069	No	50871	VIBRIO MIMICUS, 3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	0	4	
DESO0037	No	50872	VIBRIO VULNIFICUS,3-TUBE WET TIS SHELLFISHMPN/100G	04/26/90-10/29/90	0	4	
DESO0058	No	50872	VIBRIO VULNIFICUS,3-TUBE WET TIS SHELLFISHMPN/100G	04/26/90-10/29/90	0	4	
DESO0069	No	50872	VIBRIO VULNIFICUS,3-TUBE WET TIS SHELLFISHMPN/100G	04/26/90-10/29/90	0	4	
DESO0037	No	50873	AEROMONAS HYDROPHILA,MF,MA AGAR,20H,WTIS35C #/100G	04/26/90-10/29/90	0	4	
DESO0058	No	50873	AEROMONAS HYDROPHILA,MF,MA AGAR,20H,WTIS35C #/100G	04/26/90-10/29/90	0	4	
DESO0069	No	50873	AEROMONAS HYDROPHILA,MF,MA AGAR,20H,WTIS35C #/100G	04/26/90-10/29/90	0	4	
DESO0037	No	50874	AEROMONAS SOBRIA,MF,M-A AGAR,20HR, 35C #/100G	04/26/90-10/29/90	0	4	
DESO0058	No	50874	AEROMONAS SOBRIA,MF,M-A AGAR,20HR, 35C #/100G	04/26/90-10/29/90	0	4	
DESO0069	No	50874	AEROMONAS SOBRIA,MF,M-A AGAR,20HR, 35C #/100G	04/26/90-10/29/90	0	4	
DESO0037	No	50875	VIBRIO ALGINOLYTICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0058	No	50875	VIBRIO ALGINOLYTICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0069	No	50875	VIBRIO ALGINOLYTICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0037	No	50876	VIBRIO CHOLERAE, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0058	No	50876	VIBRIO CHOLERAE, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0069	No	50876	VIBRIO CHOLERAE, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0037	No	50877	VIBRIO DAMSELA, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0058	No	50877	VIBRIO DAMSELA, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0069	No	50877	VIBRIO DAMSELA, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0037	No	50878	VIBRIO FLUVIALIS, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0058	No	50878	VIBRIO FLUVIALIS, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0069	No	50878	VIBRIO FLUVIALIS, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0037	No	50879	VIBRIO HOLLISAE, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0058	No	50879	VIBRIO HOLLISAE, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0069	No	50879	VIBRIO HOLLISAE, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0037	No	50880	VIBRIO METSCHNIKOVII, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0058	No	50880	VIBRIO METSCHNIKOVII, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0069	No	50880	VIBRIO METSCHNIKOVII, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0037	No	50881	VIBRIO MIMICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0058	No	50881	VIBRIO MIMICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0069	No	50881	VIBRIO MIMICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0037	No	50882	VIBRIO VULNIFICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0058	No	50882	VIBRIO VULNIFICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0069	No	50882	VIBRIO VULNIFICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	0	2	
DESO0037	No	50883	AEROMONAS SOBRIA,MF,M-A AGAR,20 HR,35C #/100ML	04/26/90-10/29/90	0	2	
DESO0058	No	50883	AEROMONAS SOBRIA,MF,M-A AGAR,20 HR,35C #/100ML	04/26/90-10/29/90	0	2	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0069	No	50883	AEROMONAS SOBRIA,MF,M-A AGAR,20 HR,35C #/100ML	04/26/90-10/29/90	0	2	
DESO0037	No	50884	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50884	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50884	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50885	ECOLI,NA+MUG,4HRS,35C MPN/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50885	ECOLI,NA+MUG,4HRS,35C MPN/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50885	ECOLI,NA+MUG,4HRS,35C MPN/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50886	FECAL STREPTOCOCCI,KF BROTH,35C (TUBE 31676) /100G	04/26/90-04/26/90	0	1	
DESO0058	No	50886	FECAL STREPTOCOCCI,KF BROTH,35C (TUBE 31676) /100G	04/26/90-04/26/90	0	1	
DESO0069	No	50886	FECAL STREPTOCOCCI,KF BROTH,35C (TUBE 31676) /100G	04/26/90-04/26/90	0	1	
DESO0037	No	50887	STD PLATE COUNT,PLATE COUNT AGAR, 35C 48HR #/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50887	STD PLATE COUNT,PLATE COUNT AGAR, 35C 48HR #/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50887	STD PLATE COUNT,PLATE COUNT AGAR, 35C 48HR #/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50888	VIBRIO PARAHAEMOLYTICUS,3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50888	VIBRIO PARAHAEMOLYTICUS,3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50888	VIBRIO PARAHAEMOLYTICUS,3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50889	VIBRIO ALGINOLYTICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50889	VIBRIO ALGINOLYTICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50889	VIBRIO ALGINOLYTICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50890	VIBRIO CHOLERAE, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50890	VIBRIO CHOLERAE, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50890	VIBRIO CHOLERAE, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50891	VIBRIO DAMSELA, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50891	VIBRIO DAMSELA, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50891	VIBRIO DAMSELA, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50892	VIBRIO FLUVIALIS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50892	VIBRIO FLUVIALIS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50892	VIBRIO FLUVIALIS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50893	VIBRIO HOLLISAE, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50893	VIBRIO HOLLISAE, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50893	VIBRIO HOLLISAE, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50894	VIBRIO METSCHNIKOVII, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50894	VIBRIO METSCHNIKOVII, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50894	VIBRIO METSCHNIKOVII, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50895	VIBRIO MIMICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50895	VIBRIO MIMICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50895	VIBRIO MIMICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50896	VIBRIO VULNIFICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50896	VIBRIO VULNIFICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50896	VIBRIO VULNIFICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50897	AEROMONAS HYDROPHILA,MF,M-A AGAR,20HR,35CWTW#/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50897	AEROMONAS HYDROPHILA,MF,M-A AGAR,20HR,35CWTW#/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50897	AEROMONAS HYDROPHILA,MF,M-A AGAR,20HR,35CWTW#/100G	04/26/90-04/26/90	0	1	
DESO0037	No	50898	AEROMONAS SOBRIA,MF,M-A AGAR,20HR,35C WETWGT#/100G	04/26/90-04/26/90	0	1	
DESO0058	No	50898	AEROMONAS SOBRIA,MF,M-A AGAR,20HR,35C WETWGT#/100G	04/26/90-04/26/90	0	1	
DESO0069	No	50898	AEROMONAS SOBRIA,MF,M-A AGAR,20HR,35C WETWGT#/100G	04/26/90-04/26/90	0	1	
DESO0032	No	50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	0	2	
DESO0037	No	50902	O,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50902	O,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50902	O,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50903	O,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50903	O,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50903	O,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50904	O,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50904	O,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0069	No	50904	O,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50905	ALPHA CHLORDANE IN SHELLFISH TISSUE DRY WGT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50905	ALPHA CHLORDANE IN SHELLFISH TISSUE DRY WGT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50905	ALPHA CHLORDANE IN SHELLFISH TISSUE DRY WGT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50906	CHLORPYRIFOS(DURSBAN) IN SHELLFISH TIS DRY WTUG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50906	CHLORPYRIFOS(DURSBAN) IN SHELLFISH TIS DRY WTUG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50906	CHLORPYRIFOS(DURSBAN) IN SHELLFISH TIS DRY WTUG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50907	NALED (DIBROM) IN SHELLFISH TISSUE DRY WEIGHTUG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50907	NALED (DIBROM) IN SHELLFISH TISSUE DRY WEIGHTUG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50907	NALED (DIBROM) IN SHELLFISH TISSUE DRY WEIGHTUG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	50908	FICAM (BENDIOCARB) IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	50908	FICAM (BENDIOCARB) IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	50908	FICAM (BENDIOCARB) IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	0	4	
DESO0029	No	50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	2	13	
DESO0042	No	50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	2	14	
DESO0045	No	50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	2	13	
DESO0046	No	50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	2	12	
DESO0059	No	50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	2	16	
DESO0063	No	50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	2	13	
DESO0071	No	50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	2	13	
DESO0074	No	50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	2	13	
DESO0032	No	50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	0	2	
DESO0037	No	50919	STD PLATE COUNT, PLATE COUNT AGAR,35C 48HRMPN/100G	04/26/90-10/29/90	0	4	
DESO0058	No	50919	STD PLATE COUNT, PLATE COUNT AGAR,35C 48HRMPN/100G	04/26/90-10/29/90	0	4	
DESO0069	No	50919	STD PLATE COUNT, PLATE COUNT AGAR,35C 48HRMPN/100G	04/26/90-10/29/90	0	3	
DESO0037	No	50920	ECOLI:EMB,SIMMONS CITRATE,INDOLE. MPN/100G	04/26/90-10/29/90	0	4	
DESO0058	No	50920	ECOLI:EMB,SIMMONS CITRATE,INDOLE. MPN/100G	04/26/90-10/29/90	0	4	
DESO0069	No	50920	ECOLI:EMB,SIMMONS CITRATE,INDOLE. MPN/100G	04/26/90-10/29/90	0	3	
DESO0037	No	50921	VIBRIO PARAHAEMOLYTICUS,3-TUBE TIS WT SHF MPN/100G	04/26/90-10/29/90	0	4	
DESO0058	No	50921	VIBRIO PARAHAEMOLYTICUS,3-TUBE TIS WT SHF MPN/100G	04/26/90-10/29/90	0	4	
DESO0069	No	50921	VIBRIO PARAHAEMOLYTICUS,3-TUBE TIS WT SHF MPN/100G	04/26/90-10/29/90	0	4	
DESO0037	No	50922	ECOLI,NA+MUG,4 HOURS,35C,COL MPN/100ML	04/26/90-10/29/90	0	2	
DESO0058	No	50922	ECOLI,NA+MUG,4 HOURS,35C,COL MPN/100ML	04/26/90-10/29/90	0	2	
DESO0069	No	50922	ECOLI,NA+MUG,4 HOURS,35C,COL MPN/100ML	04/26/90-10/29/90	0	2	
DESO0002	No	70225	CURRENT SPEED (METERS/SEC)	05/25/83-03/07/84	0	35	
DESO0003	No	70225	CURRENT SPEED (METERS/SEC)	05/25/83-12/14/83	0	33	
DESO0013	No	70225	CURRENT SPEED (METERS/SEC)	05/24/83-03/07/84	0	239	
DESO0018	No	70225	CURRENT SPEED (METERS/SEC)	05/24/83-03/07/84	0	283	
DESO0026	No	70225	CURRENT SPEED (METERS/SEC)	05/24/83-03/07/84	0	45	
DESO0027	No	70225	CURRENT SPEED (METERS/SEC)	05/25/83-03/07/84	0	51	
DESO0052	No	70225	CURRENT SPEED (METERS/SEC)	05/25/83-03/07/84	0	93	
DESO0002	No	70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/25/83-03/07/84	0	36	
DESO0003	No	70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/25/83-12/14/83	0	33	
DESO0013	No	70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/24/83-03/07/84	0	236	
DESO0018	No	70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/24/83-03/07/84	0	283	
DESO0026	No	70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/24/83-03/07/84	0	45	
DESO0027	No	70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/25/83-03/07/84	0	51	
DESO0052	No	70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/25/83-03/07/84	0	93	
DESO0027	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/83-08/17/83	0	1	
DESO0002	No	70305	SALINITY BASED ON CONDUCTIVITY	05/25/83-03/07/84	0	59	
DESO0003	No	70305	SALINITY BASED ON CONDUCTIVITY	05/25/83-03/07/84	0	57	
DESO0005	No	70305	SALINITY BASED ON CONDUCTIVITY	01/01/89-09/06/94	5	42	
DESO0008	No	70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	8	147	
DESO0010	No	70305	SALINITY BASED ON CONDUCTIVITY	01/01/89-09/06/94	5	42	
DESO0013	No	70305	SALINITY BASED ON CONDUCTIVITY	05/24/83-03/07/84	0	238	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0016	No	70305	SALINITY BASED ON CONDUCTIVITY	01/01/89-09/06/94	5	42	
DESO0018	No	70305	SALINITY BASED ON CONDUCTIVITY	05/24/83-03/07/84	0	285	
DESO0021	No	70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	8	109	
DESO0022	No	70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	8	115	
DESO0026	No	70305	SALINITY BASED ON CONDUCTIVITY	05/24/83-03/07/84	0	78	
DESO0027	No	70305	SALINITY BASED ON CONDUCTIVITY	05/25/83-03/07/84	0	80	
DESO0028	No	70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	8	96	
DESO0039	No	70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	8	133	
DESO0040	No	70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	8	173	
DESO0043	No	70305	SALINITY BASED ON CONDUCTIVITY	01/01/89-09/06/94	5	42	
DESO0052	No	70305	SALINITY BASED ON CONDUCTIVITY	05/25/83-03/07/84	0	147	
DESO0055	No	70305	SALINITY BASED ON CONDUCTIVITY	01/01/89-09/06/94	5	42	
DESO0061	No	70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	8	195	
DESO0062	No	70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	8	114	
DESO0032	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	0	1	
DESO0036	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	0	1	
DESO0038	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	0	1	
DESO0053	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	0	1	
DESO0056	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	0	1	
DESO0057	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	0	1	
DESO0068	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	0	1	
DESO0070	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	0	1	
DESO0072	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	0	1	
DESO0032	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	0	1	
DESO0036	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	0	1	
DESO0038	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	0	1	
DESO0053	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	0	1	
DESO0056	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	0	1	
DESO0057	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	0	1	
DESO0068	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	0	1	
DESO0070	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	0	1	
DESO0072	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	0	1	
DESO0005	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/01/89-12/13/94	5	44	
DESO0010	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/01/89-12/13/94	5	44	
DESO0016	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/01/89-12/13/94	5	43	
DESO0043	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/01/89-12/13/94	5	44	
DESO0055	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/01/89-12/13/94	5	44	
DESO0014	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	19	60	T
DESO0034	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	19	137	T,A
DESO0041	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/01/68-12/02/87	19	59	
DESO0051	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/13/73-03/13/73	0	1	
DESO0029	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-02/08/94	3	7	
DESO0042	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-02/08/94	3	7	
DESO0045	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-05/10/94	3	16	
DESO0046	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-05/10/94	3	15	
DESO0059	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	11/14/90-08/03/93	2	3	
DESO0063	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-05/10/94	3	15	
DESO0071	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-05/10/94	3	16	
DESO0074	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-05/10/94	3	15	
DESO0020	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/20/71-10/20/71	0	1	
DESO0025	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/71-10/22/71	0	2	
DESO0035	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/01/71-06/01/71	0	1	
DESO0050	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/22/71-10/22/71	0	1	
DESO0064	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/18/71-10/18/71	0	3	
DESO0073	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/71-06/07/71	0	1	
DESO0014	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/06/72-12/05/78	6	23	
DESO0034	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/02/72-12/05/78	6	72	
DESO0041	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/06/72-12/05/78	6	24	
DESO0020	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/20/71-10/20/71	0	1	
DESO0025	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/07/71-10/22/71	0	2	
DESO0035	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/01/71-06/01/71	0	1	
DESO0050	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/22/71-10/22/71	0	1	
DESO0064	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/71-10/18/71	0	3	
DESO0073	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/07/71-06/07/71	0	1	
DESO0020	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/20/71-10/20/71	0	1	
DESO0025	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/07/71-10/22/71	0	2	
DESO0035	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/71-06/01/71	0	1	
DESO0050	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/22/71-10/22/71	0	1	
DESO0064	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/18/71-10/18/71	0	3	
DESO0073	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/07/71-06/07/71	0	1	
DESO0020	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/20/71-10/20/71	0	1	
DESO0025	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/07/71-10/22/71	0	2	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0035	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/01/71-06/01/71	0	1	
DESO0050	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/22/71-10/22/71	0	1	
DESO0064	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/18/71-10/18/71	0	1	
DESO0073	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/07/71-06/07/71	0	1	
DESO0025	No	71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	10/22/71-10/22/71	0	1	
DESO0035	No	71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	06/01/71-06/01/71	0	1	
DESO0050	No	71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	10/22/71-10/22/71	0	1	
DESO0035	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/01/71-06/01/71	0	1	
DESO0032	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	0	2	
DESO0036	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	0	2	
DESO0038	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	0	2	
DESO0053	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	0	2	
DESO0056	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	0	2	
DESO0057	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	0	2	
DESO0068	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	0	2	
DESO0070	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	0	2	
DESO0072	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	0	2	
DESO0032	No	75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0032	No	79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0036	No	79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0038	No	79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0053	No	79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0056	No	79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0057	No	79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0068	No	79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0070	No	79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0072	No	79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	0	2	
DESO0003	No	80080	BOD, CARBONACEOUS, 1 DAY, 20 DEG C MG/L	08/18/83-08/18/83	0	1	
DESO0013	No	80080	BOD, CARBONACEOUS, 1 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	49	
DESO0018	No	80080	BOD, CARBONACEOUS, 1 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	44	
DESO0052	No	80080	BOD, CARBONACEOUS, 1 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	50	
DESO0003	No	80081	BOD, CARBONACEOUS, 3 DAY, 20 DEG C MG/L	08/18/83-08/18/83	0	1	
DESO0013	No	80081	BOD, CARBONACEOUS, 3 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	50	
DESO0018	No	80081	BOD, CARBONACEOUS, 3 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	45	
DESO0052	No	80081	BOD, CARBONACEOUS, 3 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	52	
DESO0002	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	17	
DESO0003	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	19	
DESO0013	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	50	
DESO0018	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	45	
DESO0026	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	17	
DESO0027	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	18	
DESO0052	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	52	
DESO0003	No	80083	BOD, CARBONACEOUS, 7 DAY, 20 DEG C MG/L	08/18/83-08/18/83	0	1	
DESO0013	No	80083	BOD, CARBONACEOUS, 7 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	50	
DESO0018	No	80083	BOD, CARBONACEOUS, 7 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	45	
DESO0052	No	80083	BOD, CARBONACEOUS, 7 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	52	
DESO0003	No	80084	BOD, CARBONACEOUS, 10 DAY, 20 DEG C MG/L	08/18/83-08/18/83	0	1	
DESO0013	No	80084	BOD, CARBONACEOUS, 10 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	50	
DESO0018	No	80084	BOD, CARBONACEOUS, 10 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	45	
DESO0052	No	80084	BOD, CARBONACEOUS, 10 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	52	
DESO0003	No	80085	BOD, CARBONACEOUS, 12 DAY, 20 DEG C MG/L	08/18/83-08/18/83	0	1	
DESO0013	No	80085	BOD, CARBONACEOUS, 12 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	50	
DESO0018	No	80085	BOD, CARBONACEOUS, 12 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	45	
DESO0052	No	80085	BOD, CARBONACEOUS, 12 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	52	
DESO0003	No	80086	BOD, CARBONACEOUS, 15 DAY, 20 DEG C MG/L	08/18/83-08/18/83	0	1	
DESO0013	No	80086	BOD, CARBONACEOUS, 15 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	49	
DESO0018	No	80086	BOD, CARBONACEOUS, 15 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	45	
DESO0052	No	80086	BOD, CARBONACEOUS, 15 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	52	
DESO0003	No	80087	BOD, CARBONACEOUS, 20 DAY, 20 DEG C MG/L	08/18/83-08/18/83	0	1	
DESO0013	No	80087	BOD, CARBONACEOUS, 20 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	50	
DESO0018	No	80087	BOD, CARBONACEOUS, 20 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	45	
DESO0052	No	80087	BOD, CARBONACEOUS, 20 DAY, 20 DEG C MG/L	05/25/83-03/07/84	0	52	
DESO0032	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	0	1	
DESO0036	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0038	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	0	1	
DESO0053	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	0	1	
DESO0056	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	0	1	
DESO0057	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	0	1	
DESO0068	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	0	1	
DESO0070	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	0	1	
DESO0072	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	0	1	
DESO0032	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	0	1	
DESO0036	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	0	1	
DESO0038	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	0	1	
DESO0053	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	0	1	
DESO0056	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	0	1	
DESO0057	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	0	1	
DESO0068	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	0	1	
DESO0070	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	0	1	
DESO0072	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	0	1	
DESO0032	No	80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0036	No	80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0038	No	80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0053	No	80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0056	No	80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0057	No	80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0068	No	80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0070	No	80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0072	No	80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0032	No	80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0036	No	80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0038	No	80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0053	No	80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0056	No	80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0057	No	80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0068	No	80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0070	No	80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0072	No	80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0032	No	80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0036	No	80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0038	No	80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0053	No	80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0056	No	80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0057	No	80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0068	No	80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0070	No	80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0072	No	80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	0	1	
DESO0032	No	80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0036	No	80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0038	No	80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0053	No	80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0056	No	80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0057	No	80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0068	No	80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0070	No	80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0072	No	80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	0	1	
DESO0032	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	0	1	
DESO0036	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	0	1	
DESO0038	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	0	1	
DESO0053	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	0	1	
DESO0056	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	0	1	
DESO0057	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	0	1	
DESO0068	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	0	1	
DESO0070	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	0	1	
DESO0072	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	0	1	
DESO0037	No	81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	04/26/90-10/29/90	0	4	
DESO0058	No	81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	04/26/90-10/29/90	0	4	
DESO0069	No	81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	04/26/90-10/29/90	0	4	
DESO0037	No	81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0069	No	81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	0	4	
DESO0037	No	81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	0	4	
DESO0058	No	81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	0	4	
DESO0069	No	81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	0	4	
DESO0001	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/17/96-10/13/98	2	12	
DESO0004	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/17/96-10/13/98	2	11	
DESO0008	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	8	160	
DESO0012	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	12/28/95-10/13/98	2	12	
DESO0017	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/17/96-10/13/98	2	12	
DESO0021	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	8	117	
DESO0022	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	8	123	
DESO0023	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	12/28/95-10/13/98	2	12	
DESO0024	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	12/28/95-10/13/98	2	12	
DESO0028	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	8	104	
DESO0031	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	11/27/95-11/16/98	2	13	
DESO0039	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	8	140	
DESO0040	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	8	187	
DESO0044	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	12/19/95-11/16/98	2	12	
DESO0047	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/17/96-10/13/98	2	12	
DESO0054	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	11/27/95-10/12/98	2	10	
DESO0060	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	11/27/95-11/16/98	2	13	
DESO0061	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	8	209	
DESO0062	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	8	122	
DESO0066	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	11/20/95-11/16/98	2	13	
DESO0067	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	11/20/95-10/12/98	2	12	
DESO0001	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/17/96-10/13/98	2	12	
DESO0004	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/17/96-10/13/98	2	11	
DESO0005	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/01/89-12/13/94	5	48	
DESO0008	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	8	92	
DESO0010	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/01/89-12/13/94	5	48	
DESO0012	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/28/95-10/13/98	2	12	
DESO0016	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/01/89-12/13/94	5	48	
DESO0017	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/17/96-10/13/98	2	12	
DESO0021	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	8	115	
DESO0022	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	8	117	
DESO0023	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/28/95-10/13/98	2	12	
DESO0024	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/28/95-10/13/98	2	12	
DESO0028	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	8	105	
DESO0029	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	3	16	
DESO0031	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/27/95-11/16/98	2	13	
DESO0039	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	8	118	
DESO0040	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	8	103	
DESO0042	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	3	19	
DESO0043	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/01/89-12/13/94	5	48	
DESO0044	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/95-11/16/98	2	12	
DESO0045	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	3	16	
DESO0046	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	3	15	
DESO0047	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/17/96-10/13/98	2	12	

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

Station/Parameter Period of Record Tabulation
From 12/12/66 To 11/16/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
DESO0054	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/27/95-10/12/98	2	11	
DESO0055	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/01/89-12/13/94	5	48	
DESO0059	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	3	19	
DESO0060	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/27/95-11/16/98	2	13	
DESO0061	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	8	115	
DESO0062	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	8	118	
DESO0063	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	3	16	
DESO0066	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/20/95-11/16/98	2	13	
DESO0067	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/20/95-10/12/98	2	12	
DESO0071	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	3	15	
DESO0074	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	3	16	
DESO0029	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	3	15	
DESO0042	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	3	16	
DESO0045	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	3	16	
DESO0046	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	3	16	
DESO0059	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	3	16	
DESO0063	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	3	16	
DESO0065	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	04/08/92-12/30/92	0	4	
DESO0071	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	3	16	
DESO0074	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	3	16	
DESO0020	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/20/71-10/20/71	0	1	
DESO0035	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/01/71-06/01/71	0	1	
DESO0050	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/22/71-10/22/71	0	1	
DESO0051	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/13/73-03/13/73	0	1	
DESO0064	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/18/71-10/18/71	0	1	
DESO0073	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/07/71-06/07/71	0	1	
DESO0020	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/20/71-10/20/71	0	1	
DESO0035	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/01/71-06/01/71	0	1	
DESO0050	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/22/71-10/22/71	0	1	
DESO0051	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/13/73-03/13/73	0	1	
DESO0064	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/18/71-10/18/71	0	1	
DESO0073	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/07/71-06/07/71	0	1	
DESO0037	No	84009	SHELLFISH SPECIES ALPHANUMERIC CODE	04/26/90-10/29/90	0	4	
DESO0058	No	84009	SHELLFISH SPECIES ALPHANUMERIC CODE	04/26/90-10/29/90	0	4	
DESO0069	No	84009	SHELLFISH SPECIES ALPHANUMERIC CODE	04/26/90-10/29/90	0	4	
DESO0037	No	85822	MOISTURE CONTENT, TISSUE, % OF TOTAL WET WEIGHT, %	04/26/90-10/29/90	0	4	
DESO0058	No	85822	MOISTURE CONTENT, TISSUE, % OF TOTAL WET WEIGHT, %	04/26/90-10/29/90	0	4	
DESO0069	No	85822	MOISTURE CONTENT, TISSUE, % OF TOTAL WET WEIGHT, %	04/26/90-10/29/90	0	4	

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

Station-By-Station Results

Station Inventory for Station: DESO0001

NPS Station ID: DESO0001
LAT/LON: 27.511199/ -82.597920
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP North Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 431
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100202
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/17/96-10/13/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/17/96-10/13/98	12	24.	24.333	32.	15.	31.333	5.598	15.9	19.	30.5	31.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/17/96-10/13/98	12	1.	1.092	1.5	0.5	0.112	0.334	0.59	0.85	1.5	1.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/17/96-10/13/98	11	30.	34.545	80.	10.	447.273	21.149	12.	20.	50.	76.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/17/96-10/13/98	12	35500.	35676.667	45000.	20500.	50339987.879	7095.068	23230.	30965.	42050.	44160.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/17/96-10/13/98	12	7.	7.142	9.6	4.8	2.064	1.437	5.07	5.875	7.975	9.48
00400	PH (STANDARD UNITS)	04/23/96-10/13/98	11	8.	8.045	8.2	7.9	0.015	0.121	7.9	7.9	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	04/23/96-10/13/98	11	8.	8.03	8.2	7.9	0.015	0.122	7.9	7.9	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/96-10/13/98	11	0.01	0.009	0.013	0.006	0.	0.003	0.006	0.006	0.013	0.013
00480	SALINITY - PARTS PER THOUSAND	01/17/96-10/13/98	12	23.5	22.917	29.	12.	24.447	4.944	14.1	19.25	27.	28.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/17/96-10/13/98	12	19.	19.75	35.	4.	91.295	9.555	4.9	11.5	28.25	33.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/17/96-10/13/98	11 ##	0.005	0.029	0.12	0.005	0.002	0.04	0.005	0.005	0.047	0.113
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/17/96-10/13/98	12	0.04	0.044	0.14	0.01	0.001	0.035	0.01	0.02	0.05	0.119
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/96-10/13/98	12	0.568	0.603	0.948	0.284	0.057	0.238	0.313	0.389	0.877	0.939
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/17/96-10/13/98	12	0.02	0.038	0.2	0.005	0.003	0.055	0.005	0.006	0.04	0.161
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/96-10/13/98	12	0.27	0.271	0.525	0.147	0.012	0.108	0.148	0.173	0.317	0.478
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/17/96-10/13/98	12	7.85	8.833	20.6	3.2	29.944	5.472	3.23	4.15	12.975	19.22
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/17/96-10/13/98	12	3.	3.133	4.	2.	0.297	0.545	2.15	3.	3.5	3.94
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/17/96-10/13/98	12	3.05	2.975	5.6	1.1	1.602	1.266	1.19	2.1	3.4	5.3

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

EPA Water Quality Criteria Analysis for Station: DESO0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	0	0.00	1	0	0.00	8	0	0.00	3	0	0.00			
00400	PH	Marine Chronic	8.5	11	0	0.00	1	0	0.00	7	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	1	0	0.00	7	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	1	0	0.00	8	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: DESO0002

NPS Station ID: DESO0002 | LAT/LON: 27.513337/ -82.598892 | Agency: 21FLA | Date Created: 07/16/83
Location: MANATEE R.-2/3 ACRS-N.MCLEWIS BA | FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 24010336
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03100202 | Depth of Water: 12 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: TAMPA BAY AREA | ECO Region:
RF1 Index: 03100202009 | RF1 Mile Point: 5.450 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03100202000802.46 | RF3 Mile Point: 3.23 | Distance from RF3: 0.30 | On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER' RIVER, MANATEE STATION LOCATED DUE NORTH OF MCLEWIS BAYOU; 2/3 DISTANCE ACROSS RIVER

Parameter Inventory for Station: DESO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/25/83-03/07/84	78	6.	6.141	13.	1.	16.694	4.086	1.	1.	10.	12.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/83-03/07/84	62	29.4	26.521	32.4	15.4	27.589	5.253	17.7	19.6	30.2	30.94
00064	DEPTH OF STREAM, MEAN (FT)	05/25/83-03/07/84	21	12.2	12.395	14.2	10.5	1.035	1.018	10.82	11.8	13.35	13.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/28/83-12/14/83	8	3.6	3.963	6.5	2.5	1.583	1.258	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/25/83-03/07/84	17	18.	27.471	80.	13.	318.265	17.84	13.	17.	33.	60.
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	06/28/83-07/14/83	20	2.8	72.375	609.	0.6	24788.071	157.442	0.7	0.8	60.	362.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/25/83-03/07/84	61	6.3	6.323	11.4	1.3	3.059	1.749	4.52	5.3	7.5	7.96
00400	PH (STANDARD UNITS)	05/25/83-03/07/84	58	8.05	8.102	8.55	7.6	0.043	0.207	7.85	7.95	8.3	8.351
00400	CONVERTED PH (STANDARD UNITS)	05/25/83-03/07/84	58	8.05	8.053	8.55	7.6	0.045	0.212	7.85	7.95	8.3	8.351
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/25/83-03/07/84	58	0.009	0.009	0.025	0.003	0.	0.004	0.004	0.005	0.011	0.014
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/83-03/07/84	17	109.	107.118	116.	87.	67.485	8.215	94.2	103.	114.5	116.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	17	0.65	0.605	0.97	0.26	0.031	0.175	0.372	0.455	0.705	0.826
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	17	0.02	0.035	0.19	0.005	0.002	0.044	0.005	0.008	0.045	0.086
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	17	0.01	0.026	0.09	0.001	0.001	0.03	0.002	0.005	0.055	0.082
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	17	0.189	0.198	0.29	0.126	0.002	0.045	0.14	0.172	0.223	0.27
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	11	13.3	17.409	38.9	8.3	102.043	10.102	8.48	9.4	28.3	36.86
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	17	8.7	11.894	27.9	4.3	59.736	7.729	4.46	6.35	15.8	26.38
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	6	4.25	4.6	6.2	3.3	1.816	1.348	**	**	**	**
70225	CURRENT SPEED (METERS/SEC)	05/25/83-03/07/84	35	0.2	0.206	0.5	0.03	0.015	0.122	0.052	0.1	0.3	0.4
70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/25/83-03/07/84	36	285.	239.278	355.	30.	8719.978	93.381	71.1	166.5	300.	308.
70305	SALINITY BASED ON CONDUCTIVITY	05/25/83-03/07/84	59	27.2	26.154	30.7	12.7	14.937	3.865	19.9	25.2	28.8	29.9
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	17	1.2	1.535	3.6	0.6	0.851	0.923	0.68	0.95	1.85	3.52

** - 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: DESO0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	61	5	0.08	9	5	0.56	24	0	0.00	28	0	0.00			
00400	PH	Marine Chronic	8.5	58	1	0.02	9	1	0.11	23	0	0.00	26	0	0.00			
		Other-Lo Lim.	6.5	58	0	0.00	9	0	0.00	23	0	0.00	26	0	0.00			

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

Station Inventory for Station: DESO0003

NPS Station ID: DESO0003
LAT/LON: 27.508337/ -82.598892
Agency: 21FLA
Date Created: 07/16/83
Location: MANATEE R.-1/3 ACRS-N.MCLEWIS BA
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 24010335
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 14
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: TAMPA BAY AREA
ECO Region:
RF1 Index: 03100202009
RF1 Mile Point: 5.450
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03100202000802.46
RF3 Mile Point: 4.50
Distance from RF3: 0.02
On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER' RIVER, MANATEE STATION LOCATED DUE NORTH OF MCLEWIS BAYOU; 1/3 DISTANCE ACROSS RIVER

Parameter Inventory for Station: DESO0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/25/83-03/07/84	81	7.	6.852	15.	1.	21.078	4.591	1.	1.5	11.	14.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/83-03/07/84	60	28.05	25.943	32.6	15.8	27.27	5.222	17.11	19.4	29.775	30.98
00064	DEPTH OF STREAM, MEAN (FT)	05/25/83-03/07/84	19	14.2	13.516	15.7	9.6	3.333	1.826	10.2	11.8	14.9	15.6
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	07/14/83-07/14/83	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/28/83-12/14/83	7	4.	4.143	6.5	3.	1.476	1.215	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/25/83-03/07/84	19	23.	31.105	110.	10.	618.544	24.871	11.	16.	37.	65.
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	06/28/83-06/28/83	24	3.605	48.07	340.	0.27	7987.549	89.373	0.415	0.763	55.	215.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/25/83-03/07/84	60	6.15	6.165	14.3	1.5	3.26	1.806	4.33	5.125	7.475	7.6
00400	PH (STANDARD UNITS)	05/25/83-03/07/84	55	8.05	8.075	8.5	7.5	0.06	0.245	7.78	7.85	8.31	8.414
00400	CONVERTED PH (STANDARD UNITS)	05/25/83-03/07/84	55	8.05	8.008	8.5	7.5	0.064	0.253	7.78	7.85	8.31	8.414
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/25/83-03/07/84	55	0.009	0.01	0.032	0.003	0.	0.006	0.004	0.005	0.014	0.017
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/83-03/07/84	19	109.	107.158	141.	78.	173.918	13.188	92.	98.	114.	118.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	19	0.58	0.569	0.96	0.32	0.032	0.178	0.33	0.46	0.65	0.95
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	19	0.03	0.045	0.15	0.005	0.002	0.049	0.005	0.01	0.06	0.15
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	19	0.01	0.025	0.06	0.001	0.001	0.024	0.001	0.004	0.05	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	19	0.191	0.204	0.344	0.122	0.003	0.057	0.128	0.171	0.24	0.286
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	12	14.85	18.167	32.8	8.1	78.966	8.886	8.28	10.075	26.4	31.63
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	19	8.4	11.432	27.5	3.1	69.282	8.324	3.7	4.6	21.3	25.3
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	7	3.4	3.671	4.6	2.8	0.442	0.665	**	**	**	**
70225	CURRENT SPEED (METERS/SEC)	05/25/83-12/14/83	33	0.2	0.187	0.6	0.01	0.018	0.133	0.034	0.09	0.25	0.4
70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/25/83-12/14/83	33	270.	202.091	335.	50.	9442.023	97.17	90.	100.	290.	303.
70305	SALINITY BASED ON CONDUCTIVITY	05/25/83-03/07/84	57	27.3	25.877	30.6	10.5	17.125	4.138	20.	23.3	28.5	29.6
80080	BOD, CARBONACEOUS, 1 DAY, 20 DEG C MG/L	08/18/83-08/18/83	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
80081	BOD, CARBONACEOUS, 3 DAY, 20 DEG C MG/L	08/18/83-08/18/83	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	19	1.1	1.321	3.5	0.5	0.606	0.779	0.5	0.7	1.7	2.5
80083	BOD, CARBONACEOUS, 7 DAY, 20 DEG C MG/L	08/18/83-08/18/83	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
80084	BOD, CARBONACEOUS, 10 DAY, 20 DEG C MG/L	08/18/83-08/18/83	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
80085	BOD, CARBONACEOUS, 12 DAY, 20 DEG C MG/L	08/18/83-08/18/83	1	3.	3.	3.	3.	0.	0.	**	**	**	**
80086	BOD, CARBONACEOUS, 15 DAY, 20 DEG C MG/L	08/18/83-08/18/83	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
80087	BOD, CARBONACEOUS, 20 DAY, 20 DEG C MG/L	08/18/83-08/18/83	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DESO0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	60	5	0.08	12	5	0.42	24	0	0.00	24	0	0.00			
00400	PH	Marine Chronic	8.5	55	2	0.04	12	1	0.08	24	1	0.04	19	0	0.00			
		Other-Lo Lim.	6.5	55	0	0.00	12	0	0.00	24	0	0.00	19	0	0.00			

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

Station Inventory for Station: DESO0004

NPS Station ID: DESO0004
LAT/LON: 27.547837/ -82.599170
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP North Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 408
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100202
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/17/96-10/13/98	11	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/17/96-10/13/98	11	25.	24.364	32.	15.	34.655	5.887	15.6	18.	30.	31.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/17/96-10/13/98	11	1.5	1.645	2.3	0.5	0.305	0.552	0.6	1.5	2.	2.3
00080	COLOR (PLATINUM-COBALT UNITS)	01/17/96-10/13/98	10	15.	15.	30.	5.	66.667	8.165	5.	8.75	20.	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/17/96-10/13/98	11	40800.	39150.909	45880.	30600.	31900429.091	5648.046	30876.	33400.	44900.	45764.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/17/96-10/13/98	11	6.6	6.955	8.5	6.	0.889	0.943	6.	6.1	8.	8.44
00400	PH (STANDARD UNITS)	04/23/96-10/13/98	10	8.1	8.09	8.2	7.9	0.012	0.11	7.91	8.	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	04/23/96-10/13/98	10	8.1	8.077	8.2	7.9	0.012	0.111	7.91	8.	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/96-10/13/98	10	0.008	0.008	0.013	0.006	0.	0.002	0.006	0.006	0.01	0.012
00480	SALINITY - PARTS PER THOUSAND	01/17/96-10/13/98	11	26.	25.818	30.	20.	11.564	3.401	20.2	24.	29.	30.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/17/96-10/13/98	10	21.5	26.2	57.	9.	221.956	14.898	9.1	15.25	35.5	55.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/17/96-10/13/98	11 ##	0.005	0.02	0.115	0.005	0.001	0.033	0.005	0.005	0.022	0.098
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/17/96-10/13/98	11	0.05	0.039	0.08	0.01	0.001	0.023	0.01	0.01	0.05	0.074
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/96-10/13/98	11	0.549	0.599	0.96	0.282	0.06	0.245	0.29	0.348	0.855	0.952
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/17/96-10/13/98	11	0.01	0.019	0.08	0.005	0.001	0.024	0.005	0.005	0.02	0.074
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/96-10/13/98	9	0.187	0.287	1.26	0.01	0.139	0.373	0.01	0.119	0.259	1.26
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/17/96-10/13/98	11	4.3	4.5	7.7	1.8	3.358	1.832	1.98	2.8	5.9	7.48
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/17/96-10/13/98	11	3.	2.618	3.	1.5	0.264	0.513	1.6	2.3	3.	3.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/17/96-10/13/98	11	3.1	2.8	4.2	1.1	1.378	1.174	1.14	1.4	4.	4.18

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

EPA Water Quality Criteria Analysis for Station: DESO0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	0	0.00	2	0	0.00	6	0	0.00	3	0	0.00			
00400	PH	Marine Chronic	8.5	10	0	0.00	2	0	0.00	5	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00	2	0	0.00	5	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	11	0	0.00	2	0	0.00	6	0	0.00	3	0	0.00			

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

Station Inventory for Station: DESO0005

NPS Station ID: DESO0005
LAT/LON: 27.547837/ -82.599170
Agency: 21FLMANA
Date Created: 08/19/95
Location: BIRD KEY
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TC-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:
AWP

Parameter Inventory for Station: DESO0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	50	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/89-12/13/94	46	25.	24.285	31.	14.	23.211	4.818	17.	21.	29.	30.37
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/01/89-12/13/94	41	1.7	1.82	2.9	0.9	0.288	0.537	1.1	1.385	2.3	2.68
00080	COLOR (PLATINUM-COBALT UNITS)	01/01/89-12/13/94	48	20.	22.396	80.	5.	223.393	14.946	10.	10.	30.	35.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	49	46000.	45010.204	55100.	34200.	18550102.041	4306.983	39800.	42650.	47200.	50400.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/01/89-12/13/94	42	7.6	7.371	10.4	4.	2.373	1.54	5.02	6.275	8.5	9.24
00311	BOD, DISSOLVED, 5 DAY MG/L	01/01/89-12/13/94	44	2.1	2.13	4.3	0.7	0.764	0.874	1.1	1.425	2.6	3.45
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	48	8.15	8.109	8.6	7.3	0.06	0.244	7.79	8.	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	48	8.147	8.026	8.6	7.3	0.067	0.258	7.79	8.	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	48	0.007	0.009	0.05	0.003	0.	0.008	0.004	0.005	0.01	0.016
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	50	15.	18.34	64.	2.	155.453	12.468	7.	11.	23.	32.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/01/89-12/13/94	39	7.	7.179	17.	2.	13.414	3.663	3.	4.	9.	14.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/01/89-12/13/94	43 ##	0.005	0.017	0.1	0.005	0.	0.02	0.005	0.005	0.025	0.04
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	50	0.03	0.036	0.13	0.002	0.001	0.027	0.01	0.01	0.05	0.068
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/01/89-12/13/94	44	0.367	0.367	1.12	0.	0.065	0.255	0.025	0.128	0.593	0.65
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	50	0.02	0.028	0.1	0.002	0.	0.022	0.002	0.01	0.05	0.05
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/01/89-04/26/94	41	17200.	17545.415	32240.	11200.	9145998.049	3024.235	15200.	16000.	18361.	19200.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/01/90-04/29/91	4	9.5	32.5	110.	1.	2723.	52.182	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/01/90-04/29/91	4	0.766	0.893	2.041	0.	0.86	0.927	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.82								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/01/89-12/13/94	43	3.56	6.785	86.27	0.2	179.716	13.406	0.5	1.5	6.09	13.272
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	36	0.615	3.202	28.39	0.	39.758	6.305	0.	0.	2.608	11.952
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	29	2.82	10.305	41.3	0.	158.628	12.595	0.1	0.5	18.29	28.87
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/01/90-07/13/92	12	0.5	7.017	38.98	0.	197.61	14.057	0.	0.125	4.938	37.699
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/01/89-12/13/94	42	2.99	40.837	692.8	0.05	12222.163	110.554	0.486	0.5	39.768	81.049
70305	SALINITY BASED ON CONDUCTIVITY	01/01/89-09/06/94	42	29.	29.438	39.	21.2	14.412	3.796	24.3	27.	31.	34.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/01/89-12/13/94	44	0.17	0.208	1.6	0.01	0.062	0.25	0.05	0.08	0.228	0.39
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/01/89-12/13/94	48	2.2	2.404	5.1	0.2	1.68	1.296	0.7	1.4	3.4	4.51

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

EPA Water Quality Criteria Analysis for Station: DESO0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	42	1	0.02	5	0	0.00	28	0	0.00	9	1	0.11			
00400	PH	Marine Chronic	8.5	48	2	0.04	8	1	0.13	29	1	0.03	11	0	0.00			
		Other-Lo Lim.	6.5	48	0	0.00	8	0	0.00	29	0	0.00	11	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	0	0.00	1	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	48	0	0.00	8	0	0.00	29	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 1989 - Station DESO0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	10	46150.	44330.	48000.	34200.	17213444.444	4148.909	34910.	42350.	46800.	47970.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.	7.833	8.2	7.3	0.087	0.296	7.3	7.55	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.	7.735	8.2	7.3	0.098	0.314	7.3	7.55	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.01	0.018	0.05	0.006	0.	0.015	0.006	0.01	0.028	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	10	14.	19.1	64.	5.	294.322	17.156	5.2	9.25	22.75	60.4
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	10	0.035	0.032	0.05	0.006	0.	0.019	0.006	0.01	0.05	0.05
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	10	0.008	0.012	0.04	0.002	0.	0.013	0.002	0.002	0.023	0.039

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

Annual Analysis for 1990 - Station DESO0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	9	46500.	46033.333	49300.	43100.	3997500.	1999.375	43100.	44150.	47200.	49300.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.2	8.111	8.3	7.8	0.031	0.176	7.8	7.95	8.25	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.2	8.077	8.3	7.8	0.032	0.18	7.8	7.95	8.25	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.006	0.008	0.016	0.005	0.	0.004	0.005	0.006	0.011	0.016
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	9	22.	23.778	64.	2.	351.194	18.74	2.	9.	32.5	64.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	9	0.05	0.047	0.13	0.005	0.002	0.039	0.005	0.015	0.065	0.13
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	9	0.02	0.035	0.1	0.002	0.001	0.034	0.002	0.01	0.065	0.1

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

Annual Analysis for 1991 - Station DESO0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	9	43100.	43788.889	47200.	40000.	6353611.111	2520.637	40000.	41750.	46300.	47200.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.2	8.171	8.4	8.	0.018	0.134	8.	8.05	8.27	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.2	8.153	8.4	8.	0.018	0.136	8.	8.05	8.27	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.006	0.007	0.01	0.004	0.	0.002	0.004	0.005	0.009	0.01
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	9	15.	16.778	29.	11.	33.694	5.805	11.	12.5	20.5	29.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	9	0.03	0.03	0.07	0.002	0.	0.02	0.002	0.014	0.04	0.07
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	9	0.03	0.031	0.07	0.003	0.	0.021	0.003	0.014	0.045	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

Annual Analysis for 1992 - Station DESO0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	6	43850.	42383.333	47200.	37000.	18305666.667	4278.512	**	**	**	**
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	6	8.2	8.167	8.3	8.	0.011	0.103	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	6	8.2	8.156	8.3	8.	0.011	0.104	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	6	0.006	0.007	0.01	0.005	0.	0.002	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	7	12.	12.429	18.	7.	12.286	3.505	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	7	0.03	0.046	0.1	0.01	0.001	0.038	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	7	0.03	0.031	0.05	0.01	0.	0.016	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 DESO0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	5	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	5	46400.	44740.	50400.	36000.	32698000.	5718.217	**	**	**	**
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	5	8.3	8.24	8.4	8.	0.033	0.182	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	5	8.3	8.209	8.4	8.	0.034	0.185	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	5	0.005	0.006	0.01	0.004	0.	0.003	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	12.	11.4	17.	3.	32.3	5.683	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	5	0.01	0.02	0.05	0.01	0.	0.017	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	5	0.01	0.02	0.05	0.01	0.	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 box-and-whisker plot

Annual Analysis for 1994 - Station DESO0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	10	47450.	47580.	55100.	39800.	32786222.222	5725.925	40020.	42000.	52900.	55060.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	10	8.25	8.2	8.6	7.7	0.069	0.262	7.73	8.	8.35	8.59
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	10	8.247	8.125	8.6	7.7	0.075	0.274	7.73	8.	8.35	8.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	10	0.006	0.007	0.02	0.003	0.	0.005	0.003	0.005	0.01	0.019
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	10	21.5	21.7	35.	9.	88.233	9.393	9.2	12.5	32.25	34.8
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	10	0.045	0.036	0.05	0.01	0.	0.017	0.01	0.018	0.05	0.05
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	10	0.045	0.036	0.05	0.01	0.	0.017	0.01	0.018	0.05	0.05

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

Station Inventory for Station: DESO0006

NPS Station ID: DESO0006
LAT/LON: 27.501198/ -82.599948
Agency: 21FLA
Date Created: / /
Location: WSB-2 SARASOTA BAY
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 24010302
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: TAMPA BAY AREA
ECO Region:
RF1 Index: 03100202008
RF1 Mile Point: 4.640
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03100202000804.15
RF3 Mile Point: 4.31
Distance from RF3: 0.10
On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER: BAYOU, MCLEWIS, TO SARASOTA BAY SARASOTA BAY-MCLEWIS BAYOU BRIDGE-
SAMPLE TAKEN ON NORTH SIDE OF BRIDGE LOCATED ON RIVERVIEW BLVD W

Parameter Inventory for Station: DESO0006

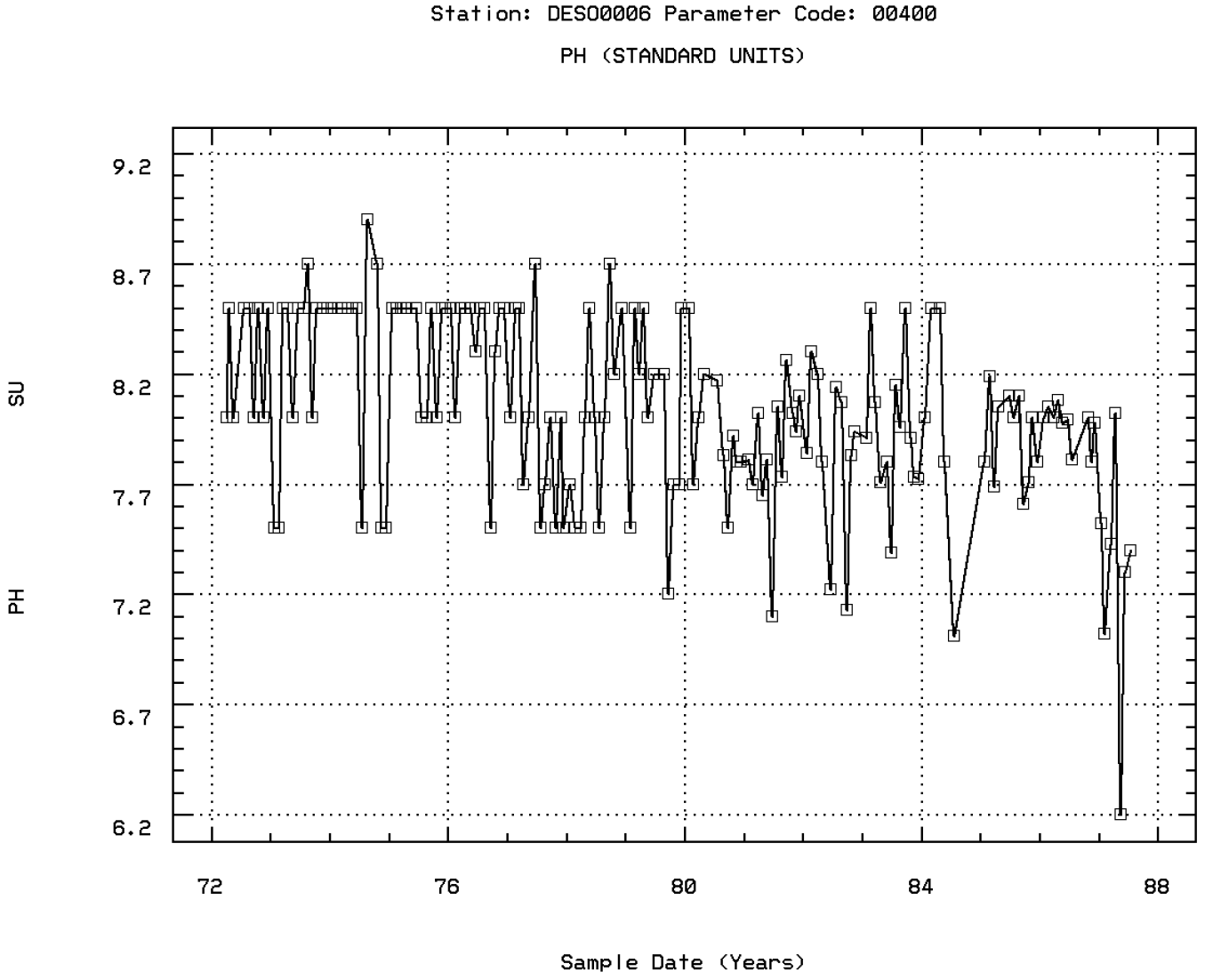
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	215	0.	0.058	5.	0.	0.143	0.378	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	171	24.	23.094	33.2	7.	30.532	5.526	15.26	19.	27.8	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	159	6.	7.56	30.	0.	41.159	6.416	0.	4.	10.	15.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	165	8.	8.031	8.9	6.2	0.182	0.426	7.5	7.765	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	165	8.	7.747	8.9	6.2	0.263	0.513	7.5	7.765	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	165	0.01	0.018	0.631	0.001	0.003	0.051	0.003	0.003	0.017	0.032
00403	PH, LAB, STANDARD UNITS SU	09/08/87-12/15/87	4	7.4	7.45	8.	7.	0.17	0.412	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/08/87-12/15/87	4	7.4	7.324	8.	7.	0.191	0.437	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/08/87-12/15/87	4	0.04	0.047	0.1	0.01	0.001	0.038	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/14/71-12/14/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/12/67-10/10/67	4	24.9	25.6	28.6	24.	4.207	2.051	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	212	1600.	1501.907	17000.	0.2	2169008.24	1472.755	49.	397.5	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	212	3.204	2.795	4.23	-0.699	0.888	0.942	1.69	2.591	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			623.964								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	67	330.	890.779	3300.	0.2	975150.324	987.497	23.8	79.	1600.	2400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	67	2.519	2.492	3.519	-0.699	0.658	0.811	1.377	1.898	3.204	3.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			310.314								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	196	540.	926.333	3300.	0.2	878165.113	937.105	33.	130.	1600.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	196	2.732	2.581	3.519	-0.699	0.533	0.73	1.519	2.114	3.204	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			380.997								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/25/84-09/25/84	1	220.	220.	220.	220.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/25/84-09/25/84	1	2.342	2.342	2.342	2.342	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			220.								

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

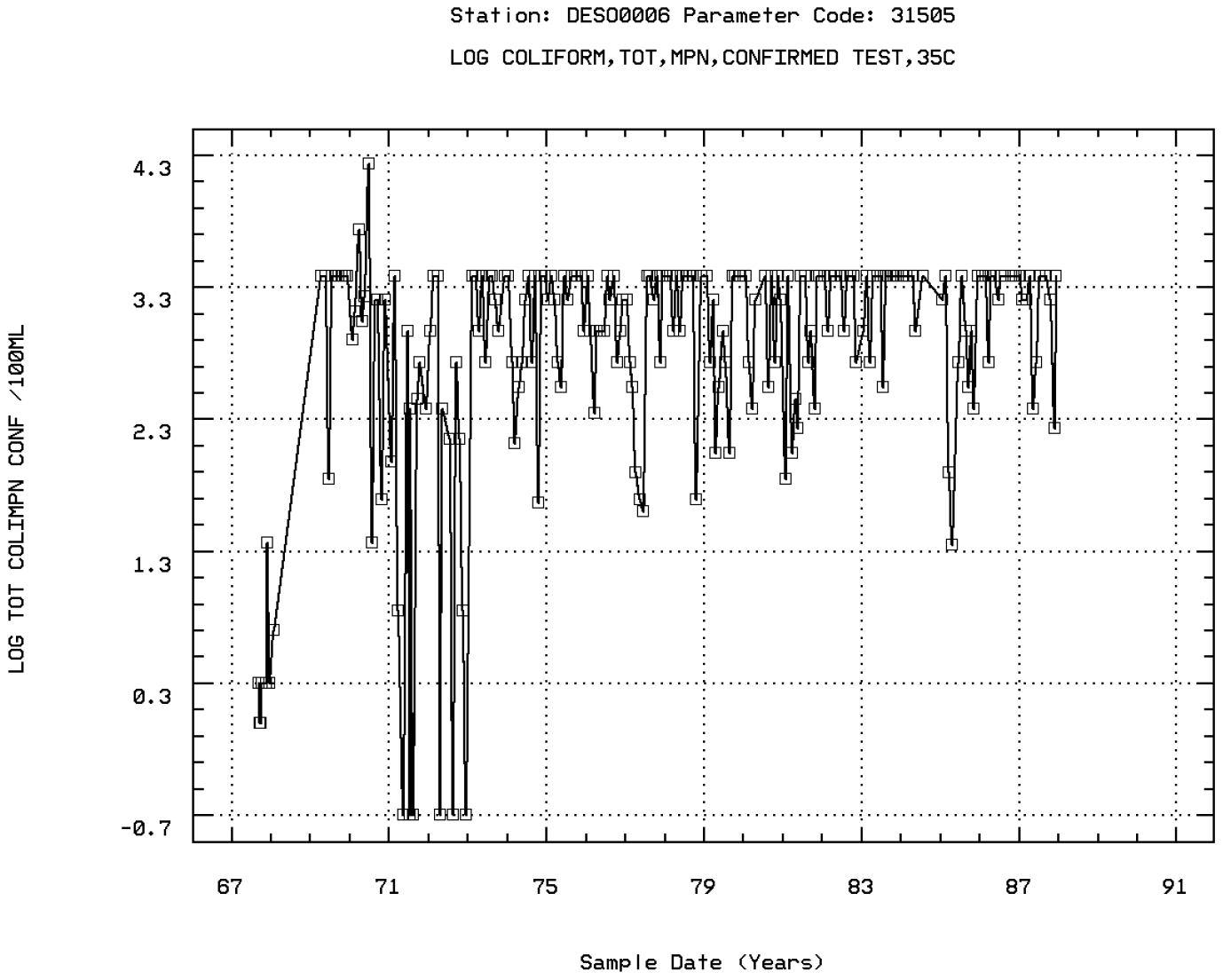
EPA Water Quality Criteria Analysis for Station: DESO0006

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	165	0	0.00	28	0	0.00	97	0	0.00	40	0	0.00			
		Other-Lo Lim.	6.5	165	1	0.01	28	0	0.00	97	0	0.00	40	1	0.03			
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	1	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	3	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	212	118	0.56	41	22	0.54	119	70	0.59	52	26	0.50			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	67	44	0.66	14	8	0.57	35	26	0.74	18	10	0.56			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	196	135	0.69	35	25	0.71	112	81	0.72	49	29	0.59			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

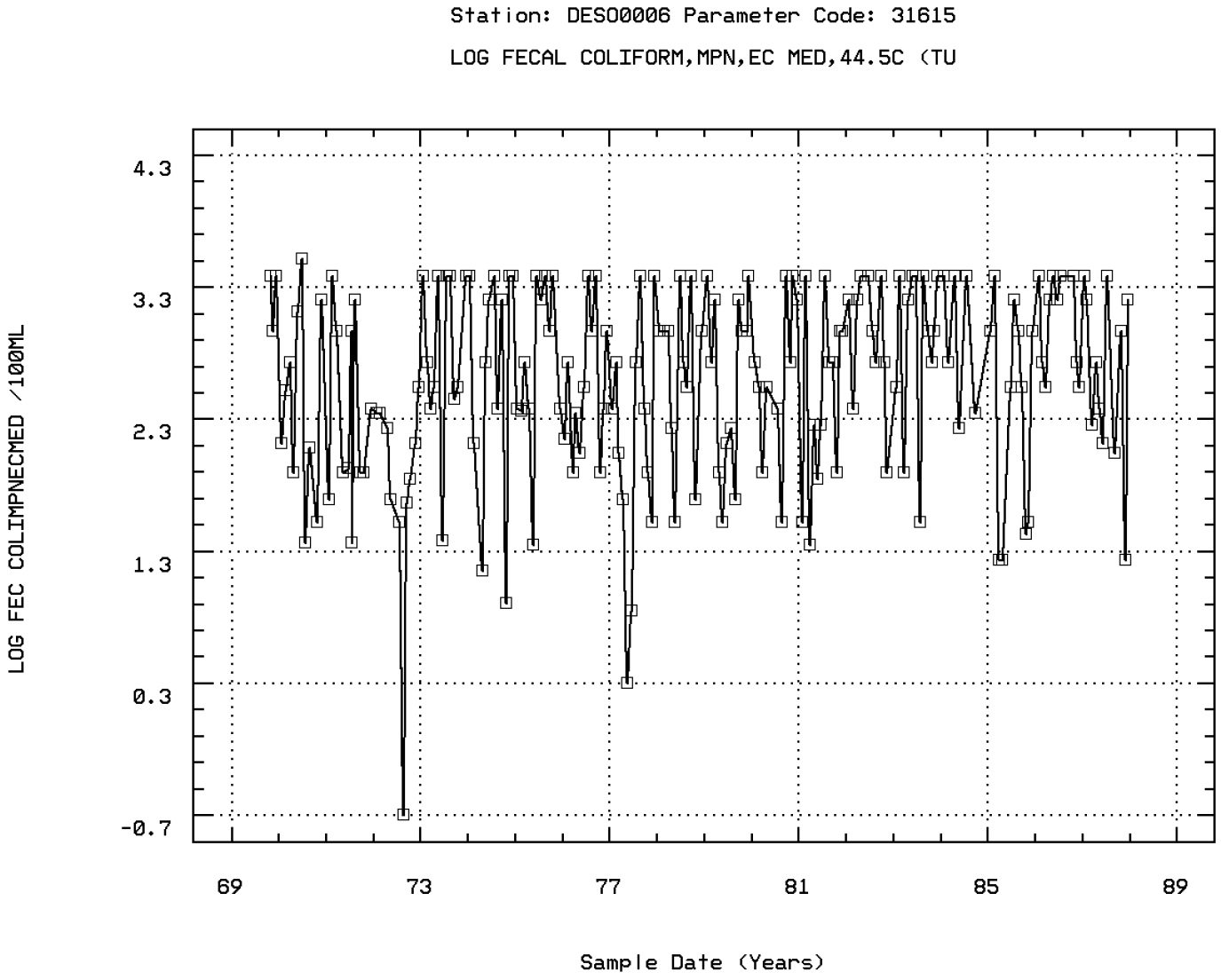
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



WSB-2 SARASOTA BAY



WSB-2 SARASOTA BAY



WSB-2 SARASOTA BAY

Annual Analysis for 1967 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	7	2.	4.714	23.	1.	65.238	8.077	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	7	0.301	0.367	1.362	0.	0.213	0.461	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.326								

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

Annual Analysis for 1968 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.								

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

Annual Analysis for 1969 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	9	2400.	2141.111	2400.	70.	603211.111	776.667	70.	2400.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	9	3.38	3.21	3.38	1.845	0.262	0.512	1.845	3.38	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1620.478								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	3	2400.	1906.667	2400.	920.	730133.333	854.478	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	3	3.38	3.241	3.38	2.964	0.058	0.24	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1743.426								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	3	2400.	1906.667	2400.	920.	730133.333	854.478	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	3	3.38	3.241	3.38	2.964	0.058	0.24	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1743.426								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	1600.	2923.818	17000.	23.	23822118.964	4880.791	28.2	790.	1700.	14680.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	3.204	2.992	4.23	1.362	0.665	0.816	1.427	2.898	3.23	4.131
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			981.448								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	230.	745.5	3300.	23.	1113550.722	1055.249	24.	67.5	1375.	3130.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	2.316	2.406	3.519	1.362	0.536	0.732	1.377	1.803	3.136	3.487
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			254.594								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	230.	745.5	3300.	23.	1113550.722	1055.249	24.	67.5	1375.	3130.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	2.316	2.406	3.519	1.362	0.536	0.732	1.377	1.803	3.136	3.487
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			254.594								

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Annual Analysis for 1971 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	240.	429.327	2400.	0.2	507313.314	712.259	0.2	0.2	540.	2104.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	2.38	1.546	3.38	-0.699	2.478	1.574	-0.699	-0.699	2.732	3.297
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.185								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	84.	588.455	2400.	23.	629004.273	793.098	28.2	79.	920.	2240.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	1.924	2.324	3.38	1.362	0.474	0.689	1.427	1.898	2.964	3.345
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			210.739								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	84.	588.455	2400.	23.	629004.273	793.098	28.2	79.	920.	2240.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	1.924	2.324	3.38	1.362	0.474	0.689	1.427	1.898	2.964	3.345
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			210.739								

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Annual Analysis for 1972 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.	0.455	5.	0.	2.273	1.508	0.	0.	0.	4.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	24.	21.9	28.	13.	27.878	5.28	13.2	17.25	26.25	27.9
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	6	5.	5.833	10.	5.	4.167	2.041	**	**	**	**
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	9	8.5	8.278	8.5	8.	0.069	0.264	8.	8.	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	9	8.5	8.208	8.5	8.	0.075	0.274	8.	8.	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	9	0.003	0.006	0.01	0.003	0.	0.004	0.003	0.003	0.01	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	140.	617.055	2400.	0.2	856652.969	925.555	0.2	0.2	920.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	2.146	1.625	3.38	-0.699	2.71	1.646	-0.699	-0.699	2.964	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			42.19								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	100.	128.82	350.	0.2	12184.457	110.383	3.48	42.75	220.	337.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	1.98	1.759	2.544	-0.699	0.863	0.929	-0.477	1.627	2.342	2.524
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			57.424								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	100.	128.82	350.	0.2	12184.457	110.383	3.48	42.75	220.	337.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	1.98	1.759	2.544	-0.699	0.863	0.929	-0.477	1.627	2.342	2.524
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			57.424								

** - 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 1973 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	25.	23.273	30.	10.	44.018	6.635	10.6	20.	29.	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	9	5.	6.333	15.	0.	36.75	6.062	0.	0.	12.5	15.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.5	8.267	8.7	7.5	0.172	0.414	7.5	8.	8.5	8.64
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.5	8.048	8.7	7.5	0.224	0.473	7.5	8.	8.5	8.64
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.003	0.009	0.032	0.002	0.	0.011	0.002	0.003	0.01	0.032
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	10	2400.	1838.	2400.	540.	591328.889	768.979	578.	920.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	10	3.38	3.215	3.38	2.732	0.058	0.241	2.756	2.964	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1638.837								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	540.	1253.091	2400.	24.	1220057.091	1104.562	67.2	280.	2400.	2400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	2.732	2.812	3.38	1.38	0.413	0.643	1.58	2.447	3.38	3.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			648.25								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	540.	1253.091	2400.	24.	1220057.091	1104.562	67.2	280.	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	2.732	2.812	3.38	1.38	0.413	0.643	1.58	2.447	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			648.25								

** - 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

Annual Analysis for 1974 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	23.5	23.542	30.	16.	22.339	4.726	16.6	19.125	27.75	29.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	9	8.	7.333	15.	0.	19.	4.359	0.	4.	10.	15.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	10	8.5	8.26	8.9	7.5	0.292	0.54	7.5	7.5	8.55	8.88
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	10	8.5	7.943	8.9	7.5	0.403	0.635	7.5	7.5	8.55	8.88
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	10	0.003	0.011	0.032	0.001	0.	0.014	0.001	0.003	0.032	0.032
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	1070.	1312.167	2400.	46.	1064994.515	1031.986	71.2	397.5	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.968	2.885	3.38	1.663	0.328	0.572	1.798	2.591	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			767.822								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	1600.	1248.364	2400.	8.	1138383.055	1066.95	9.2	130.	2400.	2400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	3.204	2.655	3.38	0.903	0.843	0.918	0.952	2.114	3.38	3.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			451.842								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	1600.	1248.364	2400.	8.	1138383.055	1066.95	9.2	130.	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	3.204	2.655	3.38	0.903	0.843	0.918	0.952	2.114	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			451.842								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	22.	22.636	30.	14.	30.455	5.519	14.4	16.	28.	29.6
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	9	10.	11.667	25.	5.	31.25	5.59	5.	10.	12.5	25.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.5	8.364	8.5	8.	0.055	0.234	8.	8.	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.5	8.299	8.5	8.	0.059	0.243	8.	8.	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.003	0.005	0.01	0.003	0.	0.003	0.003	0.003	0.01	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	2000.	1750.833	2400.	350.	610499.242	781.345	407.	1090.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	3.292	3.178	3.38	2.544	0.081	0.285	2.601	3.024	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1505.993								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	540.	1020.909	2400.	22.	973845.891	986.836	63.2	240.	2400.	2400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	2.732	2.717	3.38	1.342	0.398	0.631	1.546	2.38	3.38	3.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			520.641								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	540.	1020.909	2400.	22.	973845.891	986.836	63.2	240.	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	2.732	2.717	3.38	1.342	0.398	0.631	1.546	2.38	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			520.641								

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

Annual Analysis for 1976 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	22.	22.75	30.	12.	28.932	5.379	13.8	19.25	27.75	29.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	12	10.	10.75	18.	5.	17.295	4.159	5.	8.	15.	17.1
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.5	8.342	8.5	7.5	0.094	0.306	7.65	8.3	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.5	8.193	8.5	7.5	0.118	0.343	7.65	8.3	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.003	0.006	0.032	0.003	0.	0.008	0.003	0.003	0.005	0.025
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	920.	1313.333	2400.	220.	570351.515	755.216	316.	920.	2200.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.964	3.037	3.38	2.342	0.092	0.303	2.459	2.964	3.336	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1088.644								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	295.	699.833	2400.	79.	718171.061	847.45	79.	117.5	920.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	2.462	2.556	3.38	1.898	0.282	0.531	1.898	2.068	2.964	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			359.602								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	23.	21.917	30.	10.	40.629	6.374	10.3	18.5	27.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	12	2.	3.583	13.	0.	19.902	4.461	0.	0.	6.	12.1
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.	7.967	8.7	7.5	0.173	0.416	7.5	7.55	8.375	8.64
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.	7.817	8.7	7.5	0.198	0.445	7.5	7.55	8.375	8.64
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.01	0.015	0.032	0.002	0.	0.011	0.002	0.005	0.029	0.032
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	1070.	1199.833	2400.	40.	1054612.879	1026.943	42.7	146.75	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.968	2.761	3.38	1.602	0.474	0.688	1.629	2.059	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			576.304								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	175.	553.333	2400.	2.	778740.97	882.463	3.5	37.	540.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	2.211	2.107	3.38	0.301	0.872	0.934	0.464	1.561	2.732	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			127.827								

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Annual Analysis for 1978 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	25.	23.591	29.5	15.5	32.541	5.704	15.7	17.	29.	29.5
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	11	4.	4.	8.	0.	12.	3.464	0.	0.	8.	8.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.	8.009	8.7	7.5	0.187	0.432	7.5	7.5	8.5	8.66
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.	7.839	8.7	7.5	0.219	0.468	7.5	7.5	8.5	8.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.01	0.014	0.032	0.002	0.	0.012	0.002	0.003	0.032	0.032
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	2400.	1917.182	2400.	49.	734375.364	856.957	223.2	920.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	3.38	3.151	3.38	1.69	0.262	0.512	1.945	2.964	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1415.338								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	920.	874.727	2400.	33.	693546.418	832.794	36.2	170.	920.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	2.964	2.666	3.38	1.519	0.385	0.621	1.553	2.23	2.964	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			463.951								

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

Annual Analysis for 1979 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	23.65	22.983	30.	13.	33.794	5.813	13.75	17.375	28.875	29.85
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	10	5.	5.7	15.	0.	25.789	5.078	0.	0.	10.	14.5
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.2	8.018	8.5	7.2	0.194	0.44	7.26	7.7	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.2	7.803	8.5	7.2	0.244	0.494	7.26	7.7	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.006	0.016	0.063	0.003	0.	0.018	0.003	0.003	0.02	0.057
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	1260.	1347.5	2400.	110.	1013384.091	1006.67	110.	397.5	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	3.084	2.93	3.38	2.041	0.263	0.513	2.041	2.591	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			851.237								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	730.	903.417	2400.	33.	807817.356	898.787	37.8	91.75	1600.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	2.848	2.607	3.38	1.519	0.463	0.68	1.57	1.952	3.204	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			404.216								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	23.	22.3	29.5	12.	31.289	5.594	12.3	18.375	27.125	29.3
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	10	0.5	2.7	8.	0.	11.122	3.335	0.	0.	6.	7.8
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	10	7.875	7.942	8.5	7.5	0.082	0.287	7.52	7.775	8.178	8.47
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	10	7.873	7.865	8.5	7.5	0.089	0.298	7.52	7.775	8.178	8.47
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	10	0.013	0.014	0.032	0.003	0.	0.008	0.003	0.007	0.017	0.03
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	10	1600.	1447.	2400.	240.	887245.556	941.937	251.	492.5	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	10	3.204	3.032	3.38	2.38	0.154	0.393	2.397	2.685	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1076.007								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	445.	853.2	2400.	33.	854847.511	924.58	37.6	199.75	1800.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	2.638	2.631	3.38	1.519	0.369	0.608	1.556	2.26	3.248	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			427.939								

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

Annual Analysis for 1981 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	25.75	24.292	32.	13.	32.657	5.715	14.5	19.	29.5	31.4
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	12	10.	9.167	20.	0.	31.061	5.573	0.	6.25	10.	18.5
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	7.875	7.849	8.26	7.1	0.089	0.298	7.265	7.708	8.043	8.212
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	7.87	7.728	8.26	7.1	0.105	0.324	7.265	7.708	8.042	8.212
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.013	0.019	0.079	0.005	0.	0.02	0.006	0.009	0.02	0.062
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	730.	1194.167	2400.	70.	1182499.242	1087.428	82.	187.5	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.848	2.795	3.38	1.845	0.348	0.59	1.904	2.268	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			623.92								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	360.	690.333	2400.	22.	741344.788	861.014	25.3	72.25	920.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	2.494	2.439	3.38	1.342	0.478	0.691	1.395	1.858	2.964	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			274.736								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	22.75	23.9	33.	16.5	36.156	6.013	16.55	19.25	30.25	32.8
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	10	5.	6.3	20.	0.	33.344	5.774	0.	3.	8.5	19.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	10	7.89	7.847	8.3	7.13	0.154	0.392	7.139	7.655	8.155	8.29
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	10	7.887	7.661	8.3	7.13	0.192	0.438	7.139	7.655	8.155	8.29
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	10	0.013	0.022	0.074	0.005	0.001	0.024	0.005	0.007	0.027	0.073
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	10	2400.	1918.	2400.	540.	613017.778	782.955	578.	920.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	10	3.38	3.232	3.38	2.732	0.061	0.247	2.756	2.964	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1706.651								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	1260.	1271.9	2400.	79.	857349.433	925.932	95.1	465.	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	3.084	2.926	3.38	1.898	0.245	0.495	1.946	2.644	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			842.42								

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

Annual Analysis for 1983 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	23.	22.75	32.	15.	28.205	5.311	15.9	18.	26.5	31.4
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	12	6.	7.333	20.	0.	42.97	6.555	0.	1.	13.75	18.5
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	7.91	7.946	8.5	7.39	0.105	0.324	7.486	7.723	8.13	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	7.91	7.846	8.5	7.39	0.116	0.341	7.486	7.723	8.13	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.012	0.014	0.041	0.003	0.	0.01	0.003	0.007	0.019	0.034
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	2400.	1950.833	2400.	350.	675590.152	821.943	407.	1290.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	3.38	3.222	3.38	2.544	0.09	0.3	2.601	3.068	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1666.656								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	1260.	1370.167	2400.	33.	995086.333	997.54	46.8	397.5	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	3.084	2.894	3.38	1.519	0.393	0.627	1.632	2.591	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			783.032								

** - 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 1984 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	5	24.	21.3	25.5	16.	19.7	4.438	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	5	8.	10.8	30.	0.	129.2	11.367	**	**	**	**
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	5	8.	7.962	8.5	7.01	0.378	0.615	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	5	8.	7.585	8.5	7.01	0.556	0.745	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	5	0.01	0.026	0.098	0.003	0.002	0.04	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	5	2400.	2104.	2400.	920.	438080.	661.876	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	5	3.38	3.297	3.38	2.964	0.035	0.186	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1981.192								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	6	1470.	1355.	2400.	170.	1326550.	1151.76	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	6	3.056	2.908	3.38	2.23	0.296	0.544	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			808.444								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	25.7	23.791	30.4	7.	52.091	7.217	8.6	22.	29.5	30.34
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	11	7.	11.182	30.	3.	89.164	9.443	3.	5.	20.	29.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.	7.914	8.19	7.61	0.039	0.197	7.626	7.71	8.1	8.172
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.	7.873	8.19	7.61	0.041	0.202	7.626	7.71	8.1	8.172
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.01	0.013	0.025	0.006	0.	0.006	0.007	0.008	0.019	0.024
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	920.	1079.182	2400.	22.	920025.764	959.18	33.4	240.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	2.964	2.743	3.38	1.342	0.438	0.661	1.453	2.38	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			552.893								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	350.	686.727	2400.	17.	591905.818	769.354	17.	27.	920.	2240.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	2.544	2.361	3.38	1.23	0.704	0.839	1.23	1.431	2.964	3.345
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			229.788								

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

Annual Analysis for 1986 - Station DESO0006

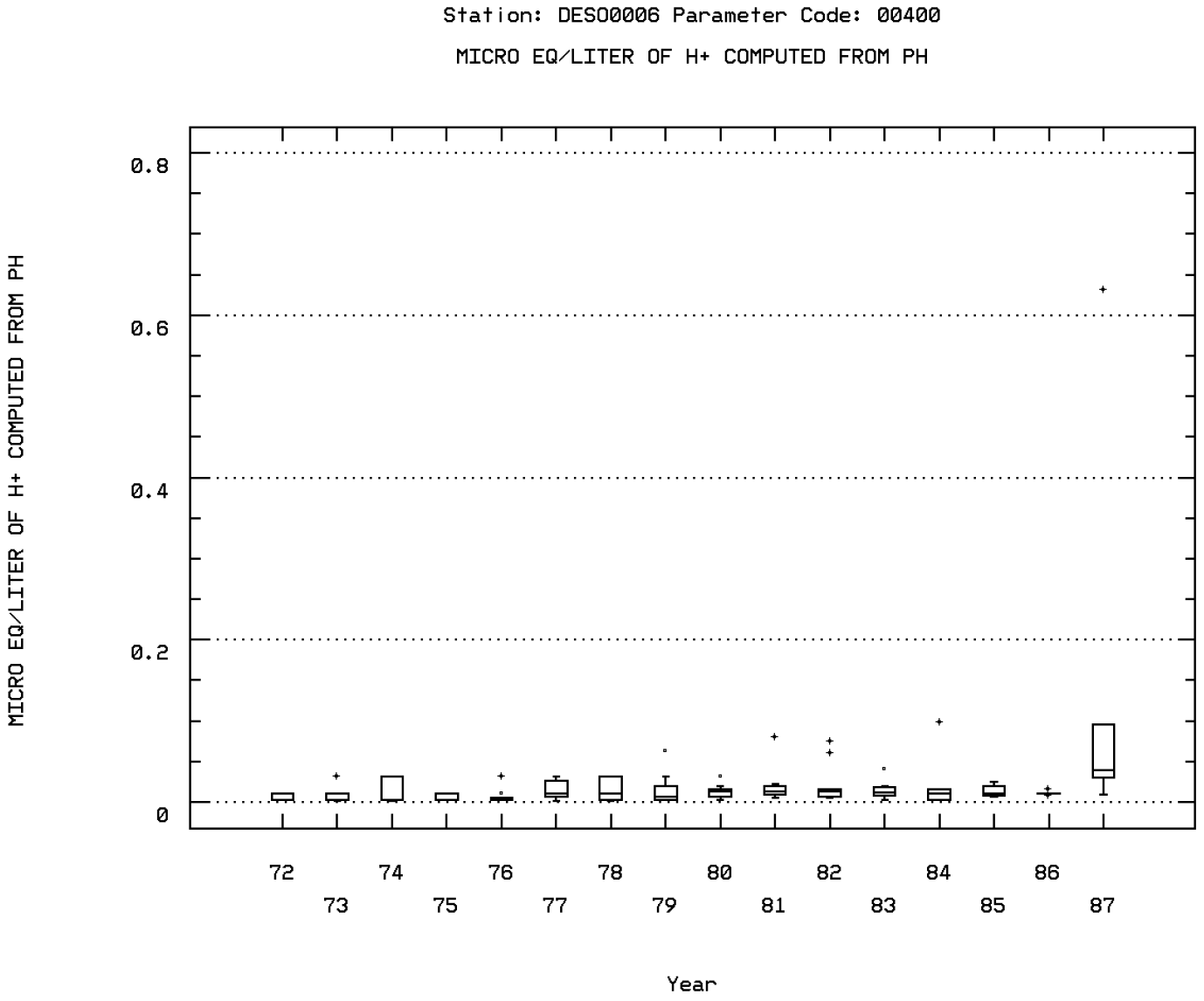
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	24.65	23.29	29.8	11.	29.814	5.46	11.8	20.275	27.	29.73
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	10	6.	10.2	25.	5.	64.844	8.053	5.	5.	13.75	25.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	10	7.995	7.969	8.08	7.8	0.008	0.092	7.801	7.938	8.012	8.077
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	10	7.995	7.96	8.08	7.8	0.009	0.093	7.801	7.938	8.012	8.077
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	10	0.01	0.011	0.016	0.008	0.	0.003	0.008	0.01	0.012	0.016
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	10	2400.	2134.	2400.	540.	376893.333	613.916	646.	2200.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	10	3.38	3.298	3.38	2.732	0.043	0.206	2.78	3.336	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1985.274								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	1600.	1458.	2400.	350.	858951.111	926.796	350.	492.5	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	3.204	3.048	3.38	2.544	0.133	0.365	2.544	2.685	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1117.38								

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

Annual Analysis for 1987 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.5	0.591	1.	0.	0.141	0.375	0.	0.5	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	24.5	24.36	33.2	15.2	25.867	5.086	15.66	20.475	27.55	32.77
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	11	5.	9.	30.	5.	57.6	7.589	5.	5.	8.	27.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	7	7.4	7.27	8.02	6.2	0.313	0.559	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	7	7.4	6.894	8.02	6.2	0.477	0.691	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	7	0.04	0.128	0.631	0.01	0.05	0.223	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	1600.	1613.636	2400.	170.	821605.455	906.425	184.	540.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	3.204	3.078	3.38	2.23	0.183	0.428	2.26	2.732	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1196.357								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	540.	921.545	2400.	17.	855558.273	924.964	35.6	130.	1600.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	2.732	2.626	3.38	1.23	0.468	0.684	1.393	2.114	3.204	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			422.679								

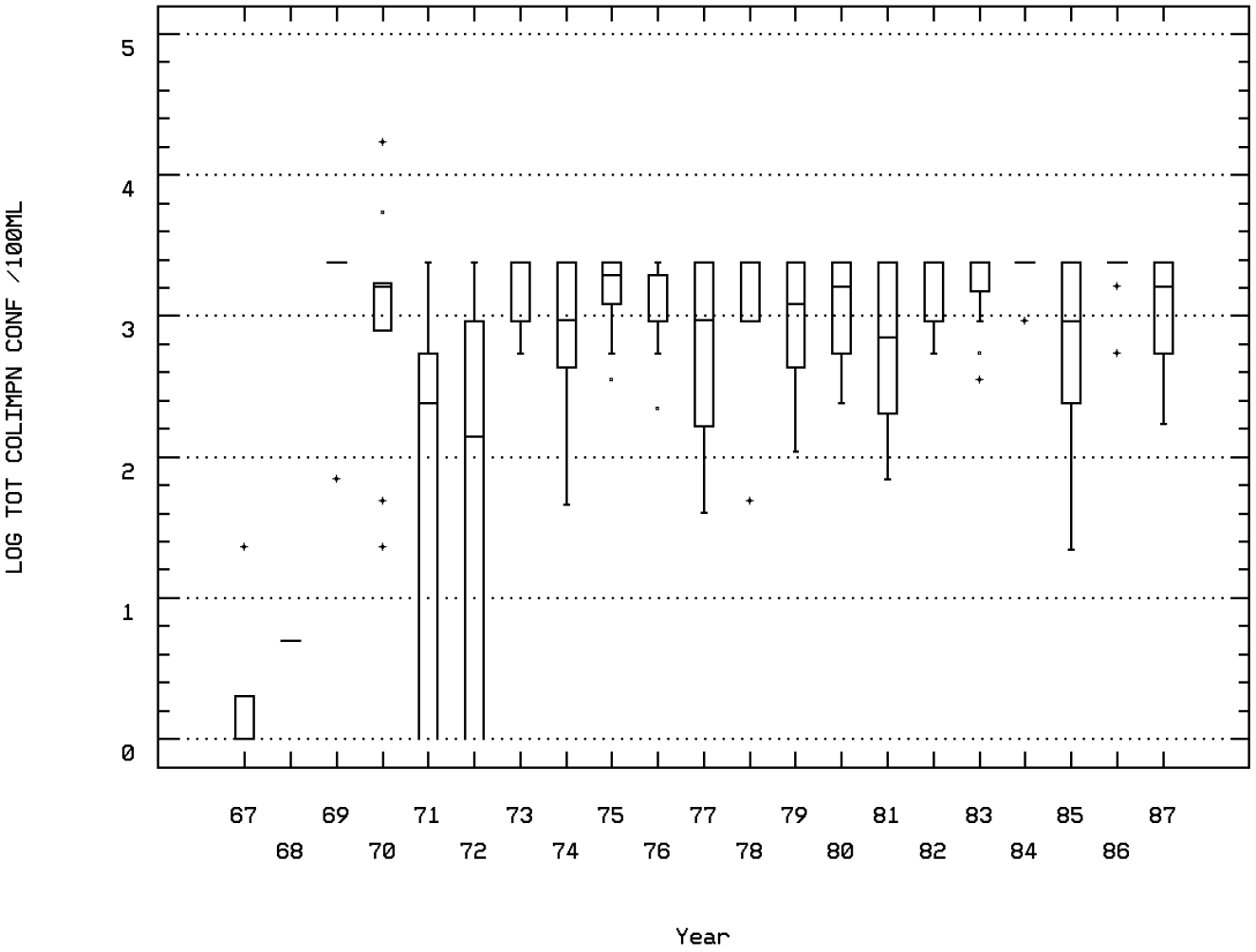
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



WSB-2 SARASOTA BAY

Station: DESO0006 Parameter Code: 31505

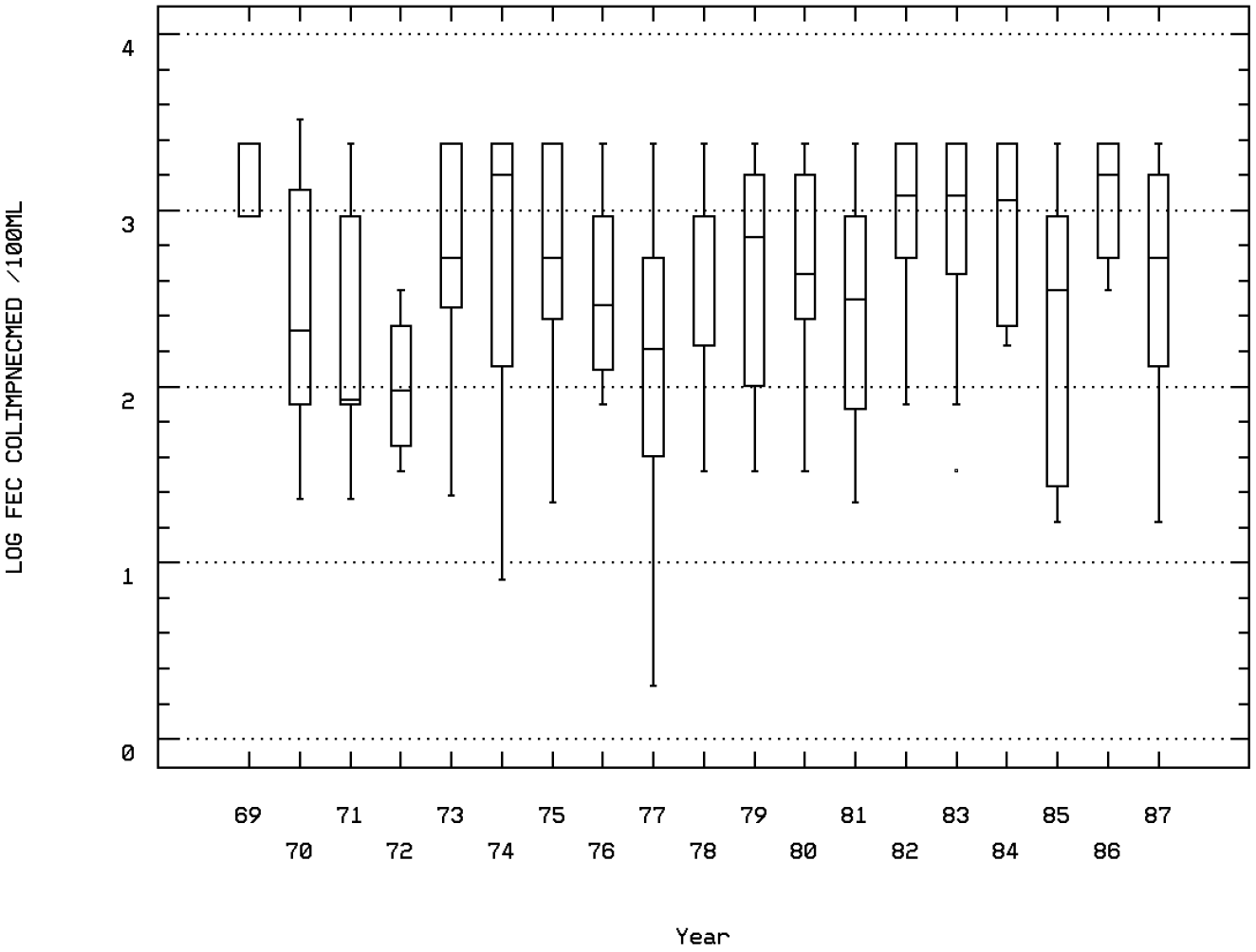
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



WSB-2 SARASOTA BAY

Station: DES00006 Parameter Code: 31615

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



WSB-2 SARASOTA BAY

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	42	0.	0.131	5.	0.	0.598	0.773	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	30	28.	27.927	31.	21.	4.316	2.077	25.1	27.	29.625	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	28	5.	6.786	30.	0.	55.73	7.465	0.	0.75	10.	18.7
00400	PH (STANDARD UNITS)	04/04/72-07/13/87	28	8.035	8.085	8.9	7.13	0.205	0.453	7.47	7.755	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	28	8.034	7.849	8.9	7.13	0.263	0.513	7.47	7.755	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	28	0.009	0.014	0.074	0.001	0.	0.018	0.002	0.003	0.018	0.035
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	41	1600.	1353.571	2400.	0.2	998850.183	999.425	1.2	350.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	41	3.204	2.609	3.38	-0.699	1.476	1.215	0.06	2.544	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			406.34								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	14	260.	727.443	2400.	0.2	797721.115	893.152	23.1	76.75	1600.	2400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	14	2.414	2.299	3.38	-0.699	1.114	1.055	0.482	1.884	3.204	3.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			199.107								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	35	540.	914.149	2400.	0.2	865801.843	930.485	47.8	110.	1600.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	35	2.732	2.563	3.38	-0.699	0.679	0.824	1.679	2.041	3.204	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			365.947								

** - Less than 9 observations ## - Computed 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: 10/20 to 4/30 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	121	0.	0.037	1.	0.	0.03	0.173	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	100	20.	19.541	27.8	7.	18.352	4.284	13.	16.5	23.	24.89
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	94	8.	8.223	30.	0.	43.251	6.577	0.	4.75	10.	15.
00400	PH (STANDARD UNITS)	04/04/72-07/13/87	97	8.	8.053	8.7	7.02	0.138	0.371	7.5	7.765	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	97	8.	7.896	8.7	7.02	0.163	0.403	7.5	7.765	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	97	0.01	0.013	0.095	0.002	0.	0.013	0.003	0.003	0.017	0.032
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	119	1600.	1492.482	5400.	0.2	1078117.32	1038.324	49.	540.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	119	3.204	2.848	3.732	-0.699	0.719	0.848	1.69	2.732	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			704.429								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	35	330.	865.743	2400.	8.	929852.961	964.289	42.6	170.	2400.	2400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	35	2.519	2.572	3.38	0.903	0.438	0.662	1.622	2.23	3.38	3.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			373.474								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	112	540.	883.223	2400.	8.	782182.77	884.411	37.8	170.	1600.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	112	2.732	2.611	3.38	0.903	0.42	0.648	1.57	2.23	3.204	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			407.941								

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	52	0.	0.048	1.	0.	0.042	0.204	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	41	28.	28.222	33.2	24.	5.183	2.277	25.	26.15	30.	31.62
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	37	6.	6.459	25.	0.	24.255	4.925	0.	4.	10.	10.
00400	PH (STANDARD UNITS)	04/04/72-07/13/87	40	8.	7.941	8.7	6.2	0.271	0.521	7.228	7.575	8.45	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	40	8.	7.479	8.7	6.2	0.489	0.7	7.228	7.575	8.45	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	40	0.01	0.033	0.631	0.002	0.01	0.099	0.003	0.004	0.028	0.059
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	52	1260.	1640.431	17000.	0.2	5658398.989	2378.739	55.3	350.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	52	3.084	2.821	4.23	-0.699	0.815	0.903	1.737	2.544	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			662.942								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	18	730.	1066.5	3300.	22.	1260194.382	1122.584	22.9	30.75	2400.	2490.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	18	2.848	2.485	3.519	1.342	0.781	0.883	1.36	1.484	3.38	3.394
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			305.665								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	49	540.	1033.571	3300.	2.	1129287.5	1062.679	23.	74.5	2400.	2400.

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

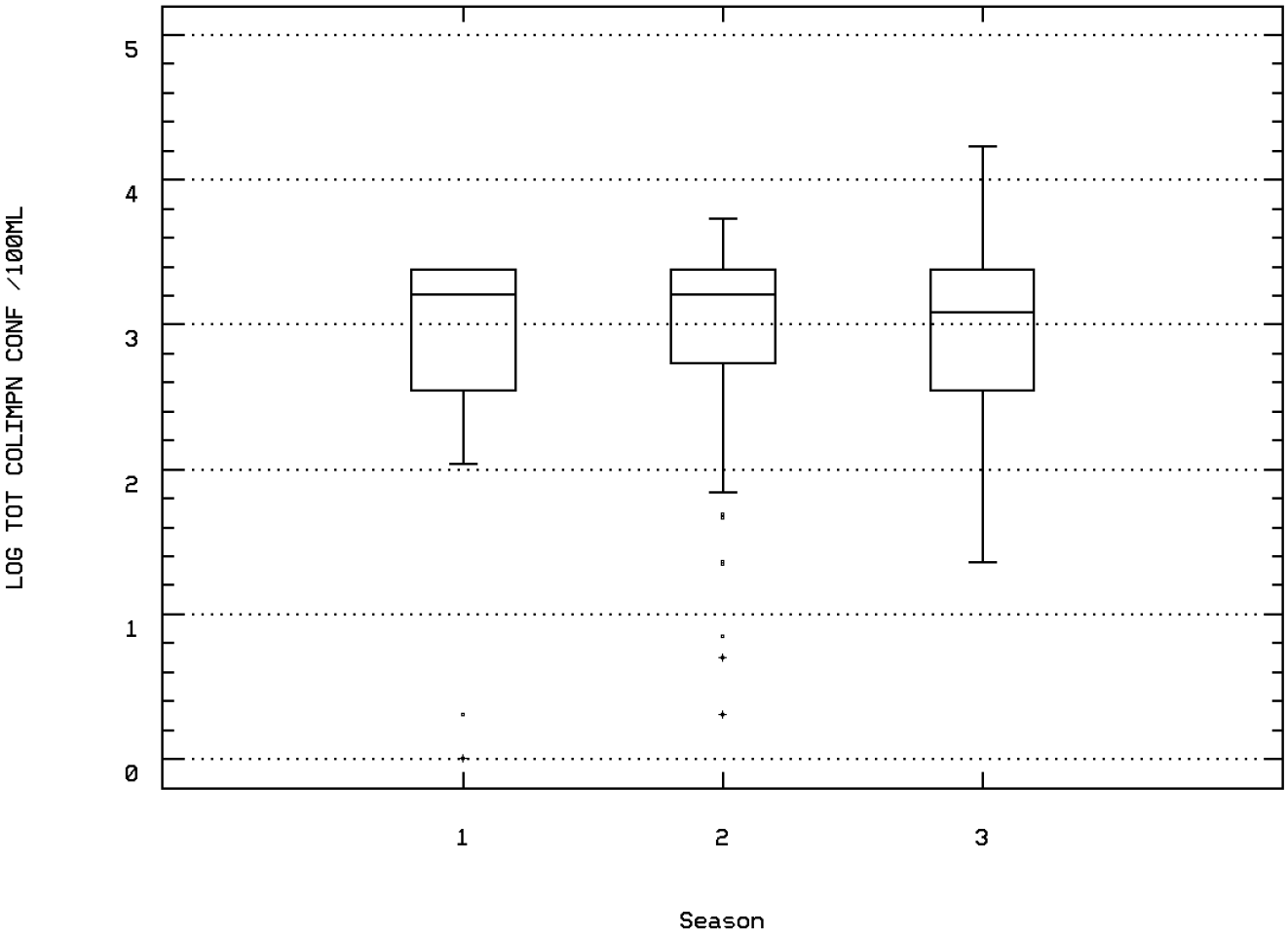
Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	49	2.732	2.526	3.519	0.301	0.707	0.841	1.362	1.871	3.38	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			335.424								

** - 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

Station: DESO0006 Parameter Code: 31505

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



WSB-2 SARASOTA BAY

Station Inventory for Station: DESO0007

NPS Station ID: DESO0007 | LAT/LON: 27.555365/ -82.599754 | Agency: 21FLA | Date Created: / /
Location: WTC-6 TERRA CEIA BAY | FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 24010266
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03100206 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: TAMPA BAY AREA | ECO Region:
RF1 Index: 03100206 | RF1 Mile Point: 0.000 | Distance from RF1: 17.10 | On/Off RF1:
RF3 Index: 03100206000107.31 | RF3 Mile Point: 7.31 | Distance from RF3: 0.06 | On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER: BAY, TERRA CEIA TERRA CEIA BAY-NORTH OF BIRD KEY SAMPLE
PICKED ON THE NORTH SIDE OF BIRD KEY ABOUT 150 YDS FROM SHORE (MARCH JUNE SEPT DEC)

Parameter Inventory for Station: DESO0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	98	0.	0.041	1.	0.	0.034	0.185	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/69-12/07/87	56	23.	23.346	32.	14.	27.887	5.281	16.	19.	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	51	8.	7.627	20.	0.	17.078	4.133	0.8	5.	10.	12.
00400p	PH (STANDARD UNITS)	03/13/72-06/03/87	51	8.5	8.371	8.8	7.	0.099	0.314	8.002	8.21	8.5	8.7
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-06/03/87	51	8.5	8.172	8.8	7.	0.139	0.373	8.002	8.21	8.5	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/03/87	51	0.003	0.007	0.1	0.002	0.	0.014	0.002	0.003	0.006	0.01
00403	PH, LAB, STANDARD UNITS SU	09/15/87-12/07/87	2	7.85	7.85	7.9	7.8	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/15/87-12/07/87	2	7.847	7.847	7.9	7.8	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/87-12/07/87	2	0.014	0.014	0.016	0.013	0.	0.002	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	97	8.	103.031	2400.	1.	172407.259	415.22	1.	2.	46.	110.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	97	0.903	0.999	3.38	0.	0.714	0.845	0.	0.301	1.663	2.041
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.987								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	29	2.	10.931	70.	1.	303.281	17.415	1.	1.	8.5	46.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	29	0.301	0.602	1.845	0.	0.37	0.608	0.	0.	0.929	1.663
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.997								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	70	7.	76.593	2400.	0.5	116181.053	340.853	1.	1.	33.	67.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	70	0.845	0.857	3.38	-0.301	0.656	0.81	0.	0.	1.519	1.83
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.203								

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

EPA Water Quality Criteria Analysis for Station: DESO0007

Parameter				Total	Exceed	Prop.	8/01-10/19			10/20-4/30			5/01-7/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Marine Chronic	8.5	51	31	0.61	13	9	0.69	26	16	0.62	12	6	0.50			
		Other-Lo Lim.	6.5	51	0	0.00	13	0	0.00	26	0	0.00	12	0	0.00			
00403	PH, LAB	Marine Chronic	8.5	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						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	97	3	0.03	24	2	0.08	48	1	0.02	25	0	0.00			

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

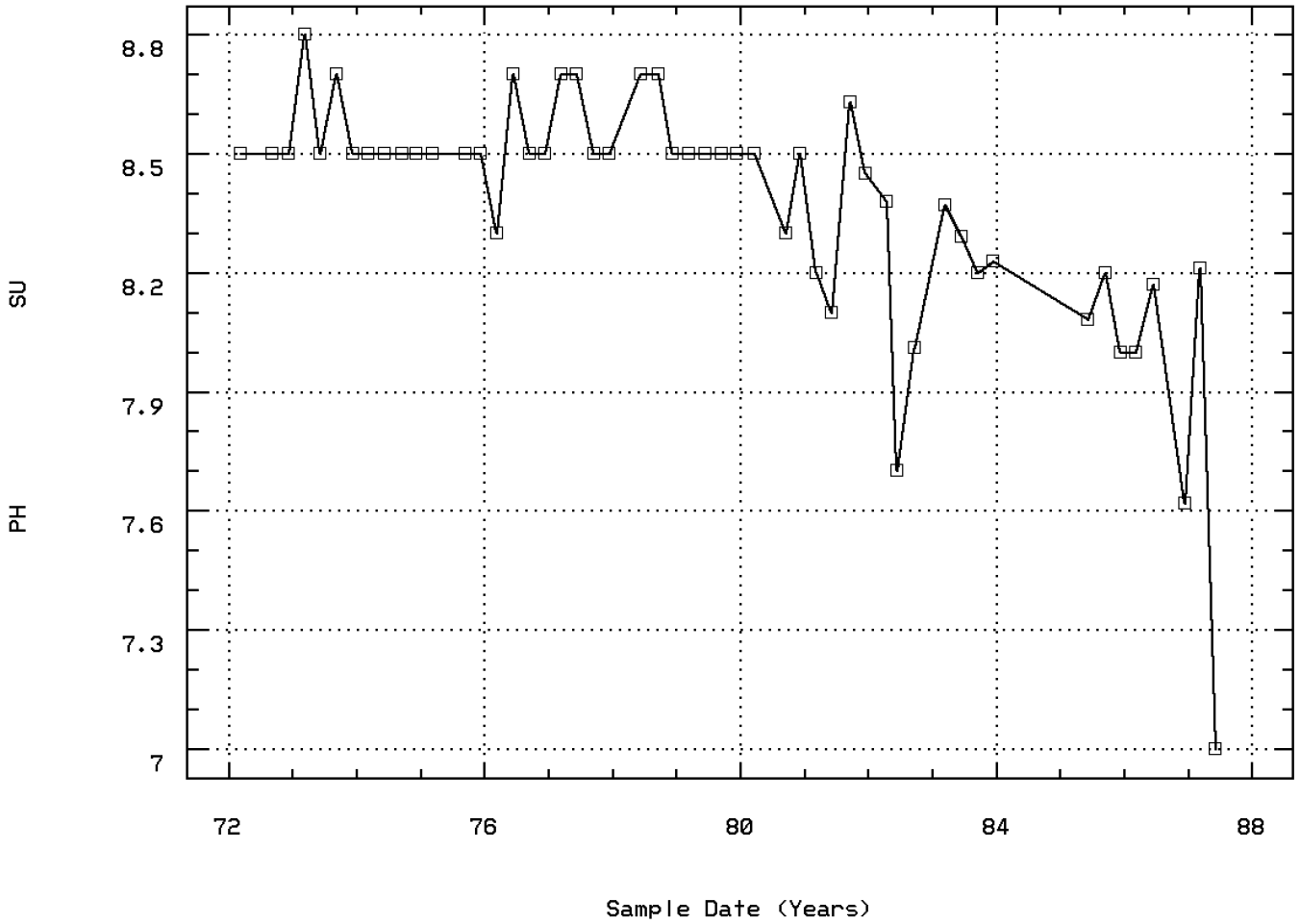
EPA Water Quality Criteria Analysis for Station: DESO0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	29	0	0.00	7	0	0.00	16	0	0.00	6	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	70	3	0.04	18	1	0.06	36	2	0.06	16	0	0.00			

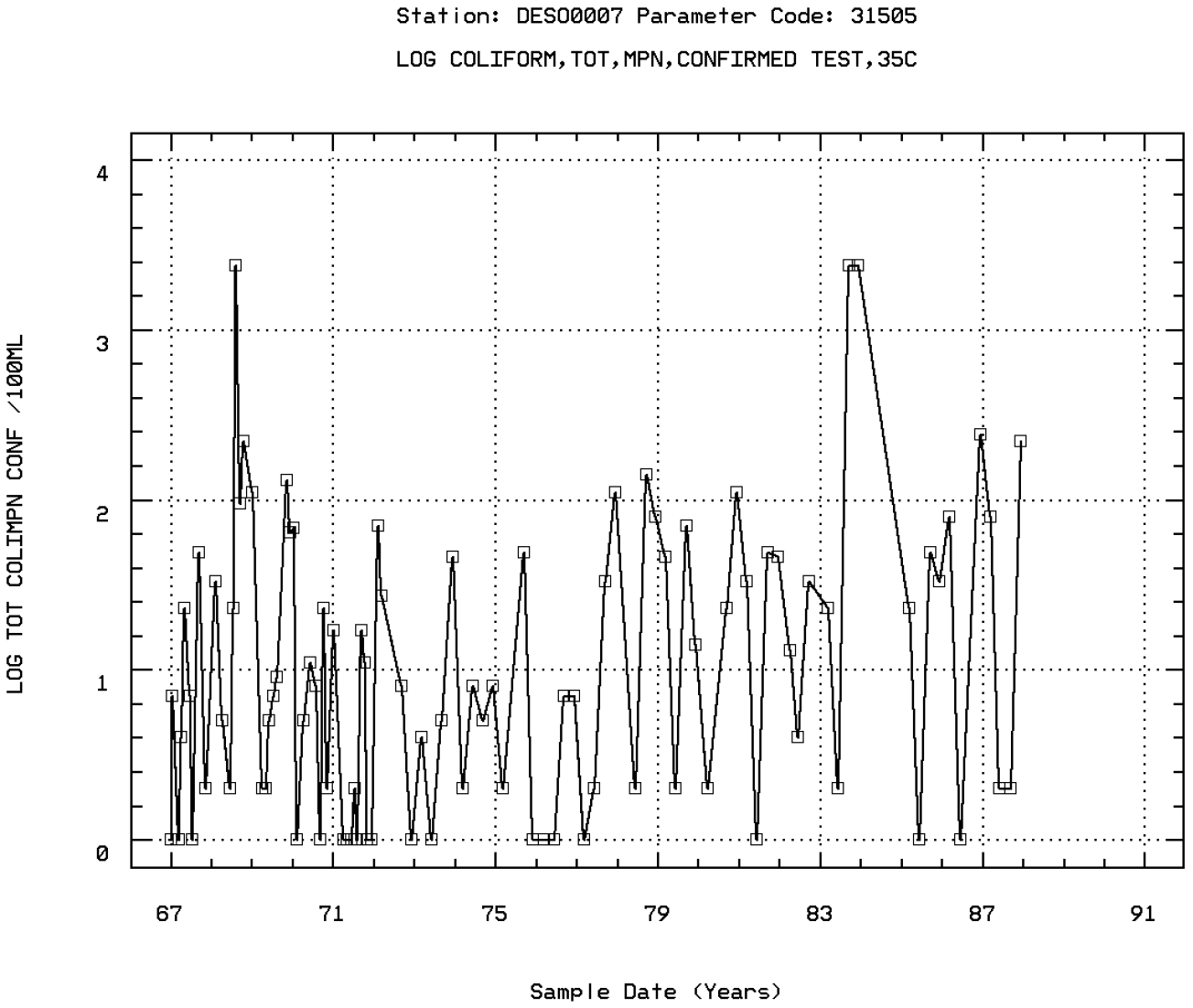
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: DES00007 Parameter Code: 00400

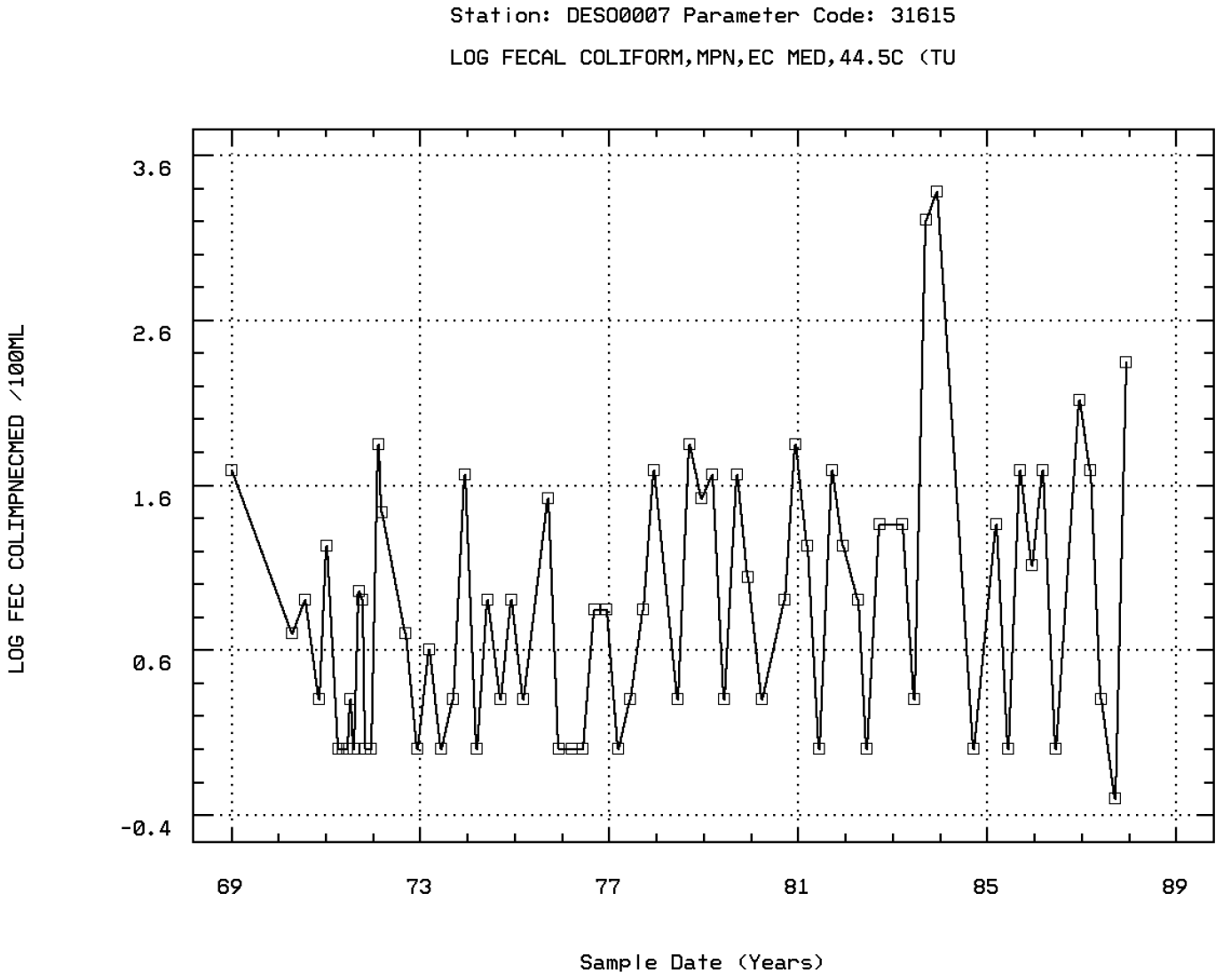
PH (STANDARD UNITS)



WTC-6 TERRA CEIA BAY



WTC-6 TERRA CEIA BAY



WTC-6 TERRA CEIA BAY

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	25	0.	0.02	0.5	0.	0.01	0.1	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/69-12/07/87	14	28.	27.75	30.	24.	2.673	1.635	24.5	26.925	29.	29.65
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	14	7.	6.929	15.	0.	18.687	4.323	0.	4.	10.	13.5
00400	PH (STANDARD UNITS)	03/13/72-06/03/87	13	8.5	8.442	8.7	8.01	0.043	0.207	8.086	8.25	8.565	8.7
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/03/87	13	8.5	8.392	8.7	8.01	0.045	0.213	8.086	8.25	8.565	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/03/87	13	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.006	0.008
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	24	28.	237.458	2400.	1.	446180.433	667.967	1.5	7.25	64.75	1310.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	24	1.44	1.428	3.38	0.	0.747	0.865	0.151	0.86	1.806	2.861
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.777								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	7	5.	8.571	33.	1.	125.619	11.208	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	7	0.699	0.668	1.519	0.	0.263	0.513	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.657								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	18	8.	106.694	1600.	0.5	139345.386	373.29	0.95	2.	46.75	223.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	18	0.903	1.024	3.204	-0.301	0.717	0.847	-0.03	0.301	1.67	1.981
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.556								

** - Less than 9 observations ## - Computed 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: 10/20 to 4/30 - Station DESO0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	48	0.	0.052	1.	0.	0.045	0.212	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/69-12/07/87	30	19.	19.017	25.	14.	8.338	2.888	14.55	17.	21.25	23.
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	26	8.	8.423	20.	0.	16.494	4.061	4.	5.75	10.	15.
00400	PH (STANDARD UNITS)	03/13/72-06/03/87	26	8.5	8.395	8.8	7.62	0.057	0.24	8.	8.283	8.5	8.56
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/03/87	26	8.5	8.31	8.8	7.62	0.065	0.255	8.	8.283	8.5	8.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/03/87	26	0.003	0.005	0.024	0.002	0.	0.004	0.003	0.003	0.005	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	48	13.5	86.979	2400.	1.	119164.659	345.202	1.	2.	67.	112.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	48	1.13	1.077	3.38	0.	0.728	0.853	0.	0.301	1.826	2.049
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.947								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	16	3.	14.75	70.	1.	471.533	21.715	1.	1.	24.5	55.3
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	16	0.452	0.667	1.845	0.	0.488	0.699	0.	0.	1.381	1.737
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.641								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	36	15.	94.583	2400.	1.	158032.879	397.533	1.	2.	48.25	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	36	1.172	1.055	3.38	0.	0.67	0.819	0.	0.301	1.683	1.926
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.356								

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	25	0.	0.04	1.	0.	0.04	0.2	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/69-12/07/87	12	29.45	29.033	32.	26.	3.204	1.79	26.3	27.25	30.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	11	8.	6.636	12.	0.	16.455	4.056	0.	4.	10.	11.6
00400	PH (STANDARD UNITS)	03/13/72-06/03/87	12	8.395	8.245	8.7	7.	0.247	0.497	7.21	8.085	8.65	8.7
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/03/87	12	8.382	7.865	8.7	7.	0.404	0.636	7.21	8.085	8.65	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/03/87	12	0.004	0.014	0.1	0.002	0.001	0.028	0.002	0.002	0.008	0.076
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	25	2.	4.8	23.	1.	37.917	6.158	1.	1.	7.	15.8
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	25	0.301	0.439	1.362	0.	0.192	0.438	0.	0.	0.845	1.17
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.747								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	6 ##	1.5	3.5	8.	1.	12.3	3.507	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	6 ##	0.151	0.351	0.903	0.	0.196	0.443	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2.245								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	16 ##	1.5	2.25	8.	1.	5.267	2.295	1.	1.	2.	8.

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

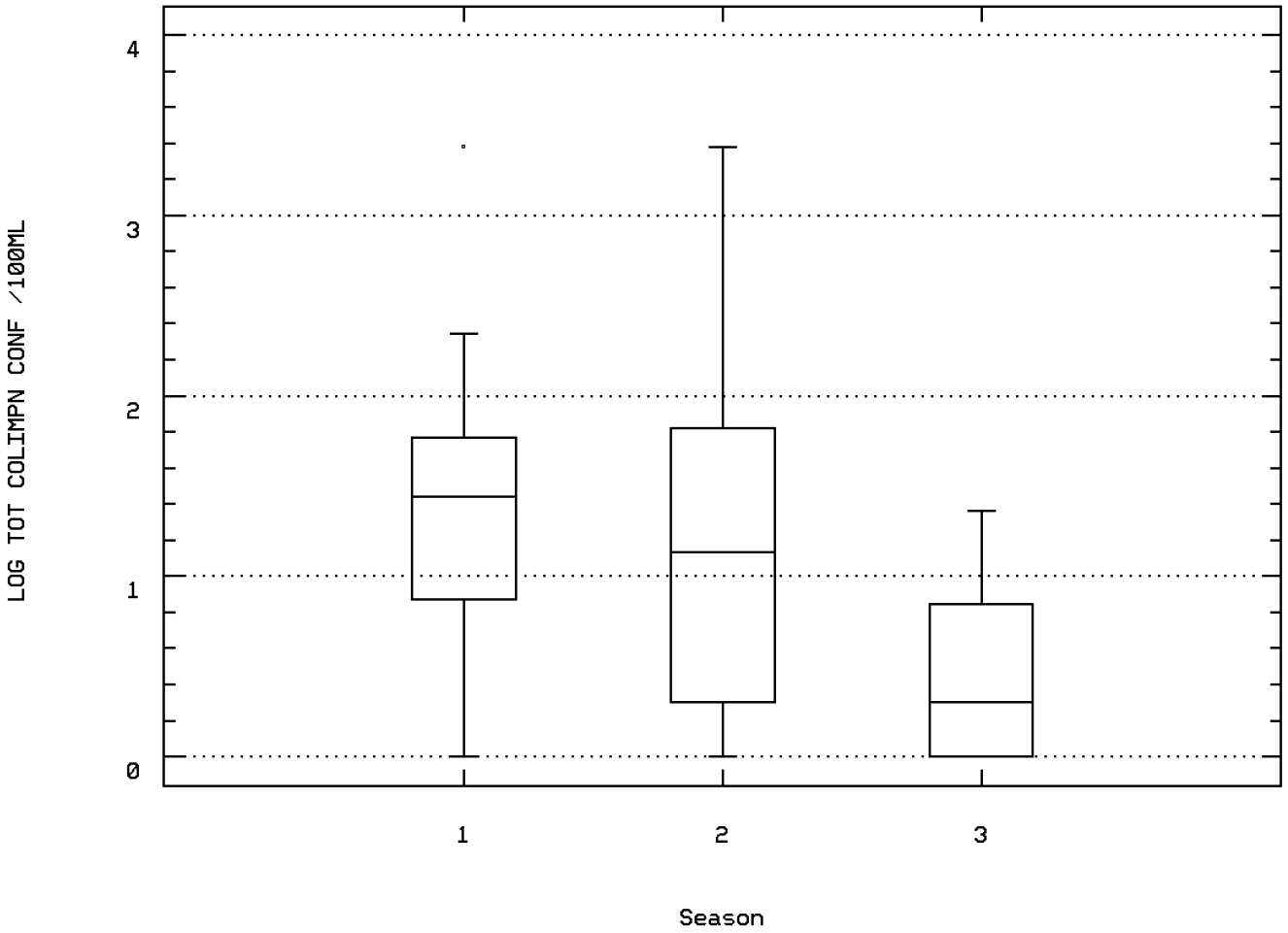
Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	16 ##	0.151	0.226	0.903	0.	0.091	0.301	0.	0.	0.301	0.903
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.682								

** - Less than 9 observations ## - Computed 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: DESO0007 Parameter Code: 31505

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



WTC-6 TERRA CEIA BAY

Station Inventory for Station: DESO0008

NPS Station ID: DESO0008
LAT/LON: 27.529503/ -82.602170
Agency: 21FLA
Date Created: 10/04/97
Location: City of Palmetto WWTP outfall
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 48001SEAS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	160	0.5	2.906	10.	0.5	8.718	2.953	0.5	0.5	6.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	157	26.3	25.396	33.8	13.4	24.146	4.914	18.5	20.55	29.7	31.12
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	90	10.	10.778	25.	0.	29.928	5.471	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	145	6.4	6.148	9.2	0.2	2.198	1.483	4.3	5.4	7.2	8.1
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	88	8.1	8.038	8.5	7.4	0.061	0.246	7.6	7.9	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	88	8.1	7.962	8.5	7.4	0.066	0.258	7.6	7.9	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	88	0.008	0.011	0.04	0.003	0.	0.007	0.005	0.006	0.013	0.025
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	92	8.	39.435	920.	1.	13355.897	115.568	1.	2.	32.5	79.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	92	0.903	0.906	2.964	0.	0.557	0.746	0.	0.301	1.512	1.898
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			8.058								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	147	29.6	28.99	34.5	16.4	11.075	3.328	24.08	26.9	31.6	32.92
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	160	6.	6.081	10.	1.	1.937	1.392	4.	6.	7.	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	92	18.5	22.05	220.	1.	647.895	25.454	2.19	12.	26.	34.8

** - 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

EPA Water Quality Criteria Analysis for Station: DESO0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	145	10	0.07	33	2	0.06	69	0	0.00	43	8	0.19			
00403	PH, LAB	Marine Chronic	8.5	88	1	0.01	18	1	0.06	43	0	0.00	27	0	0.00			
		Other-Lo Lim.	6.5	88	0	0.00	18	0	0.00	43	0	0.00	27	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	92	5	0.05	20	1	0.05	45	4	0.09	27	0	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 1990 - Station DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	6	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	5	27.1	24.86	30.3	18.1	24.988	4.999	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	6	9.	11.333	20.	5.	48.667	6.976	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	5	6.5	6.5	7.6	4.7	1.325	1.151	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	6	8.2	8.2	8.3	8.1	0.004	0.063	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	6	8.2	8.196	8.3	8.1	0.004	0.063	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	6	0.006	0.006	0.008	0.005	0.	0.001	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	6	5.	12.	49.	1.	342.	18.493	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	6	0.699	0.688	1.69	0.	0.415	0.644	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.878								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	5	27.9	28.04	30.4	25.6	5.423	2.329	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	6	4.	4.333	8.	2.	3.867	1.966	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	6	19.	20.333	30.	16.	27.867	5.279	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	14	0.5	1.214	6.	0.5	3.335	1.826	0.5	0.5	0.5	5.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	14	27.05	25.486	31.1	17.3	25.137	5.014	17.8	20.65	30.075	30.8
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	11	10.	8.455	18.	0.	26.273	5.126	1.	5.	10.	17.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	10	6.25	5.96	8.7	2.3	3.34	1.828	2.45	5.	7.05	8.55
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	12	8.1	8.1	8.3	7.8	0.025	0.16	7.83	8.	8.275	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	12	8.1	8.072	8.3	7.8	0.026	0.162	7.83	8.	8.275	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	12	0.008	0.008	0.016	0.005	0.	0.003	0.005	0.005	0.01	0.015
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	12	8.	13.25	33.	1.	172.568	13.137	1.	1.25	29.	33.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	12	0.903	0.819	1.519	0.	0.374	0.612	0.	0.075	1.446	1.519
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.585								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	14	26.95	27.043	29.4	24.4	2.263	1.504	24.75	26.025	28.425	29.05
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	14	4.5	4.643	10.	2.	4.093	2.023	2.5	3.	6.	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	12	17.	20.083	36.	10.	57.902	7.609	11.2	14.5	24.	34.5

** - 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 1992 - Station DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	16	0.5	2.094	8.	0.5	6.574	2.564	0.5	0.5	4.75	6.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	16	21.65	24.369	32.4	17.8	33.82	5.815	17.8	19.25	30.95	32.05
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	8	7.5	9.5	20.	1.	43.429	6.59	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	14	6.45	5.864	8.9	0.2	5.536	2.353	1.15	4.8	7.625	8.5
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	11	8.1	8.082	8.4	7.8	0.028	0.166	7.82	8.	8.2	8.36
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	11	8.1	8.054	8.4	7.8	0.029	0.169	7.82	8.	8.2	8.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	11	0.008	0.009	0.016	0.004	0.	0.003	0.004	0.006	0.01	0.015
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	11	8.	15.455	49.	1.	358.673	18.939	1.	2.	33.	49.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	11	0.903	0.82	1.69	0.	0.403	0.635	0.	0.301	1.519	1.69
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.611								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	15	26.1	25.453	32.6	16.4	18.031	4.246	18.2	24.	29.1	31.1
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	16	5.5	5.938	9.	4.	2.596	1.611	4.	5.	7.75	8.3
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	11	20.	28.727	100.	14.	589.818	24.286	14.4	16.	28.	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

Annual Analysis for 1993 - Station DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	21	0.5	3.071	6.	0.5	7.682	2.772	0.5	0.5	6.	6.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	21	26.9	24.705	33.8	13.4	38.986	6.244	13.82	20.1	29.2	32.9
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	11	10.	10.	20.	5.	20.	4.472	5.	5.	10.	19.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	19	5.1	5.442	9.	3.1	2.164	1.471	3.8	4.2	6.4	7.4
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	8	8.15	8.063	8.4	7.6	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	8	8.147	7.976	8.4	7.6	0.088	0.297	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	8	0.007	0.011	0.025	0.004	0.	0.008	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	11	5.	110.818	920.	1.	73746.164	271.562	1.	1.	79.	762.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	11	0.699	1.102	2.964	0.	0.967	0.983	0.	0.	1.898	2.794
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.653								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	19	28.8	28.989	31.6	24.8	3.449	1.857	26.9	27.4	30.4	31.5
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	21	6.	5.81	6.	4.	0.262	0.512	5.	6.	6.	6.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	11	22.	27.182	62.	16.	196.164	14.006	16.	16.	30.	58.

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

Annual Analysis for 1994 - Station DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	20	2.75	3.3	8.	0.5	8.721	2.953	0.5	0.5	6.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	20	27.7	26.595	32.7	18.	20.655	4.545	18.25	24.5	30.375	31.45
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	10	5.	7.4	20.	4.	24.267	4.926	4.1	5.	10.	19.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	18	6.7	6.389	8.4	2.5	2.565	1.601	2.95	5.925	7.325	8.13
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	9	8.1	8.133	8.4	7.5	0.07	0.265	7.5	8.1	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	9	8.1	8.038	8.4	7.5	0.08	0.283	7.5	8.1	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	9	0.008	0.009	0.032	0.004	0.	0.009	0.004	0.005	0.008	0.032
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	10	4.5	8.5	31.	1.	105.167	10.255	1.	1.75	11.75	30.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	10	0.651	0.656	1.491	0.	0.271	0.52	0.	0.226	1.018	1.478
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.531								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	20	29.65	28.965	31.2	23.6	3.758	1.939	26.26	27.45	30.05	30.99
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	20	6.	6.1	8.	5.	0.937	0.968	5.	5.	7.	7.9
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	10	22.	26.	50.	18.	86.222	9.286	18.2	21.5	27.5	48.2

** - 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 1995 - Station DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	23	0.5	3.435	10.	0.5	10.757	3.28	0.5	0.5	6.	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	22	28.5	27.227	32.4	16.7	20.51	4.529	18.87	24.05	30.55	32.1
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	12	10.	11.667	20.	5.	28.788	5.365	5.	6.25	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	23	6.4	6.465	8.2	2.	1.841	1.357	5.08	5.8	7.4	8.1
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	12	8.15	8.067	8.4	7.6	0.066	0.257	7.63	7.8	8.2	8.37
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	12	8.147	7.989	8.4	7.6	0.073	0.27	7.63	7.8	8.2	8.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	12	0.007	0.01	0.025	0.004	0.	0.007	0.004	0.006	0.017	0.024
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	12	23.	78.25	540.	1.	25429.477	159.466	1.	2.75	33.	450.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	12	1.362	1.188	2.732	0.	0.767	0.876	0.	0.226	1.519	2.627
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			15.405								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	14	30.15	28.657	32.5	21.	14.586	3.819	22.05	25.475	31.725	32.5
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	23	6.	6.609	10.	5.	1.885	1.373	5.4	6.	8.	9.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	12	20.	24.283	52.	1.4	224.891	14.996	4.58	16.	36.	50.8

** - 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 1996 - Station DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	17	0.5	2.882	7.	0.5	8.704	2.95	0.5	0.5	6.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	16	25.85	24.856	29.9	18.1	18.248	4.272	18.38	20.25	28.7	29.69
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	10	11.	12.7	25.	5.	39.567	6.29	5.	8.75	16.25	24.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	13	6.	6.131	8.4	4.2	1.987	1.41	4.24	5.	7.3	8.32
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	10	8.2	8.14	8.5	7.4	0.085	0.291	7.46	8.075	8.3	8.48
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	10	8.2	8.017	8.5	7.4	0.102	0.319	7.46	8.075	8.3	8.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	10	0.006	0.01	0.04	0.003	0.	0.011	0.003	0.005	0.008	0.037
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	10	8.	38.1	240.	1.	5584.767	74.731	1.	1.	36.25	223.9
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	10	0.87	0.919	2.38	0.	0.674	0.821	0.	0.	1.481	2.332
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			8.304								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	17	31.7	31.847	33.6	30.1	1.549	1.245	30.1	30.65	33.05	33.6
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	17	6.	5.941	7.	1.	1.809	1.345	5.	6.	6.5	7.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	10	11.5	16.2	32.	6.6	87.858	9.373	6.7	8.8	25.	31.6

** - 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 1997 - Station DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	31	0.5	3.548	8.	0.5	10.589	3.254	0.5	0.5	7.	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	31	25.2	25.635	31.7	19.5	18.228	4.269	19.86	20.7	29.6	31.52
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	16	11.	12.938	20.	5.	19.396	4.404	8.5	10.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	31	6.1	6.223	9.2	4.6	1.346	1.16	4.8	5.4	6.6	8.16
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	14	7.85	7.857	8.1	7.6	0.023	0.15	7.65	7.7	8.	8.05
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	14	7.847	7.833	8.1	7.6	0.023	0.153	7.65	7.7	8.	8.05
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	14	0.014	0.015	0.025	0.008	0.	0.005	0.009	0.01	0.02	0.023
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	14	6.	21.071	79.	1.	1008.841	31.762	1.	1.	32.5	79.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	14	0.772	0.792	1.898	0.	0.537	0.733	0.	0.	1.397	1.898
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.193								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	31	32.1	31.539	34.5	23.	6.982	2.642	28.22	31.2	33.1	34.04
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	31	7.	6.774	8.	6.	0.714	0.845	6.	6.	8.	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	14	2.4	22.029	220.	1.	3307.711	57.513	1.1	1.2	14.	123.

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

Annual Analysis for 1998 - Station DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	12	3.25	3.583	8.	0.5	10.674	3.267	0.5	0.5	6.75	7.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	12	21.9	22.833	28.7	18.5	17.552	4.189	18.56	18.925	26.725	28.67
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	6	12.5	12.5	20.	5.	27.5	5.244	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	12	6.3	6.458	7.8	5.4	0.517	0.719	5.49	5.9	7.1	7.68
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	6	7.6	7.683	7.9	7.5	0.03	0.172	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	6	7.6	7.657	7.9	7.5	0.03	0.175	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	6	0.025	0.022	0.032	0.013	0.	0.008	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	6	27.	51.333	140.	2.	3664.667	60.536	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	6	1.195	1.196	2.146	0.301	0.742	0.861	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			15.72								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	12	26.	25.875	29.	22.8	4.786	2.188	22.92	23.525	27.65	28.97
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	12	6.5	6.667	8.	6.	0.606	0.778	6.	6.	7.	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	6	3.35	4.8	13.	1.4	18.772	4.333	**	**	**	**

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

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	37	0.5	3.324	10.	0.5	10.42	3.228	0.5	0.5	6.	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	37	29.8	29.605	32.4	26.1	2.697	1.642	27.	28.55	30.75	31.7
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	20	10.	9.85	20.	0.	25.608	5.06	5.	5.	12.	19.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	33	6.2	6.033	8.7	2.5	2.155	1.468	4.2	4.65	7.3	7.7
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	18	8.2	8.172	8.5	7.7	0.043	0.208	7.79	8.075	8.3	8.41
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	18	8.2	8.121	8.5	7.7	0.046	0.215	7.79	8.075	8.3	8.41
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	18	0.006	0.008	0.02	0.003	0.	0.004	0.004	0.005	0.008	0.016
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	20	8.	28.9	240.	1.	3312.516	57.554	1.	1.25	23.	121.9
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	20	0.903	0.908	2.38	0.	0.516	0.718	0.	0.075	1.362	2.072
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			8.091								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	31	29.6	28.816	33.2	21.	11.772	3.431	23.68	25.9	32.	32.8
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	37	6.	6.459	10.	3.	2.089	1.445	4.	6.	7.	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	20	16.	18.715	52.	1.	179.13	13.384	1.2	13.25	25.	41.

** - Less than 9 observations ## - Computed 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: 10/20 to 4/30 - Station DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	76	0.5	2.803	8.	0.5	8.487	2.913	0.5	0.5	6.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	73	20.2	20.868	26.2	13.4	9.007	3.001	17.8	18.8	24.	24.9
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	43	10.	13.14	25.	5.	28.599	5.348	5.	10.	20.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	69	6.5	6.675	9.2	4.6	1.11	1.054	5.4	6.	7.4	8.2
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	43	8.	7.986	8.4	7.4	0.049	0.222	7.64	7.8	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	43	8.	7.924	8.4	7.4	0.053	0.231	7.64	7.8	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	43	0.01	0.012	0.04	0.004	0.	0.007	0.006	0.008	0.016	0.023
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	45	11.	60.8	920.	1.	24971.936	158.025	1.	4.	41.	122.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	45	1.041	1.115	2.964	0.	0.56	0.748	0.	0.602	1.604	2.083
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			13.036								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	74	29.85	29.143	34.5	22.8	9.376	3.062	24.45	26.9	31.325	33.15
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	76	6.	6.105	10.	2.	1.909	1.382	4.	6.	7.	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	45	20.	26.831	220.	1.4	1156.919	34.014	4.48	16.	27.	48.8

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	47	0.5	2.745	8.	0.5	7.955	2.82	0.5	0.5	6.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	47	28.7	29.113	33.8	25.	4.78	2.186	26.36	27.4	31.	32.16
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	27	5.	7.704	18.	1.	17.832	4.223	4.8	5.	10.	15.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	43	5.6	5.388	8.4	0.2	3.04	1.743	2.58	4.8	6.4	7.72
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	27	8.2	8.03	8.4	7.5	0.078	0.278	7.6	7.7	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	27	8.2	7.936	8.4	7.5	0.087	0.294	7.6	7.7	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	27	0.006	0.012	0.032	0.004	0.	0.008	0.005	0.006	0.02	0.025
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	27	2.	11.63	79.	1.	386.473	19.659	1.	1.	13.	49.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	27	0.301	0.557	1.898	0.	0.421	0.649	0.	0.	1.114	1.69
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.603								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	42	29.45	28.848	34.1	16.4	14.044	3.747	24.	27.35	31.925	32.89
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	47	6.	5.745	8.	1.	1.716	1.31	4.	5.	6.	7.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	27	16.	16.552	31.	1.2	99.353	9.968	1.8	9.6	26.	30.

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

Station Inventory for Station: DESO0009

NPS Station ID: DESO0009 LAT/LON: 27.532781/ -82.603615 Agency: 21FLA Date Created: / /
Location: PALMETTO SEWAGE OUTFALL 500 YARDS NORTH OF GUS FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 24010262
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: TAMPA BAY AREA ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 4.80 On/Off RF1:
RF3 Index: 03100206000101.67 RF3 Mile Point: 5.25 Distance from RF3: 0.03 On/Off RF3:
Description:
PALMETTO SEWAGE OUTFALL 500 YARDS NORTH OF GUS' LANDING TERRA CEIA BAY-PALMETTO SEWAGE OUTFALL-
SAMPLE PICKED 500 YDS NORTH OF GUSS LANDING

Parameter Inventory for Station: DESO0009

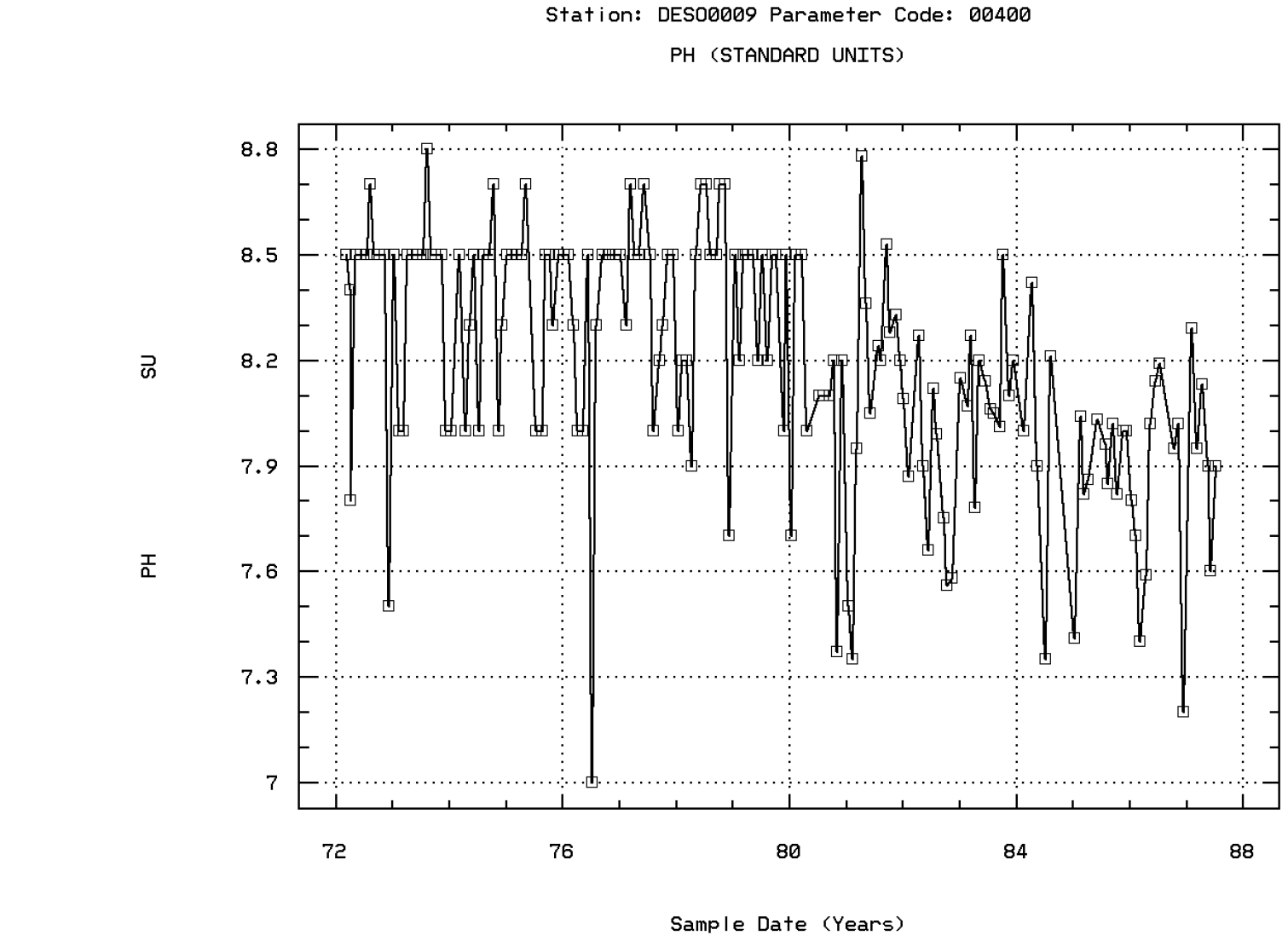
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	222	0.	0.041	1.	0.	0.032	0.18	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	175	24.	23.163	31.4	7.4	28.906	5.376	14.8	19.5	28.	29.2
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	158	8.	7.785	67.	0.	42.16	6.493	0.	5.	10.	15.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/10/72-04/10/72	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/10/72-04/10/72	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/10/72-08/14/72	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	169	8.2	8.195	8.8	7.	0.122	0.35	7.7	8.	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	169	8.2	8.028	8.8	7.	0.151	0.388	7.7	8.	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	169	0.006	0.009	0.1	0.002	0.	0.012	0.003	0.003	0.01	0.02
00403	PH, LAB, STANDARD UNITS SU	08/11/87-12/07/87	5	7.4	7.42	7.9	6.8	0.202	0.449	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/11/87-12/07/87	5	7.4	7.237	7.9	6.8	0.244	0.494	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/87-12/07/87	5	0.04	0.058	0.158	0.013	0.004	0.06	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/10/72-04/10/72	1	226.	226.	226.	226.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/10/72-04/10/72	1	1.58	1.58	1.58	1.58	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/10/72-04/10/72	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/72-08/14/72	1	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	218	15.5	298.65	2400.	0.2	512353.565	715.789	1.	2.	79.	1680.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	218	1.188	1.26	3.38	-0.699	1.179	1.086	0.	0.301	1.898	3.222
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.212								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	58	2.	226.917	2400.	0.2	413955.225	643.394	1.	1.	34.	988.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	58	0.301	0.855	3.38	-0.699	1.187	1.089	0.	0.	1.519	2.988
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			7.166								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	187	2.	147.889	2400.	0.2	264057.997	513.866	1.	1.	22.	146.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	187	0.301	0.778	3.38	-0.699	0.896	0.947	0.	0.	1.342	2.163
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.991								

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

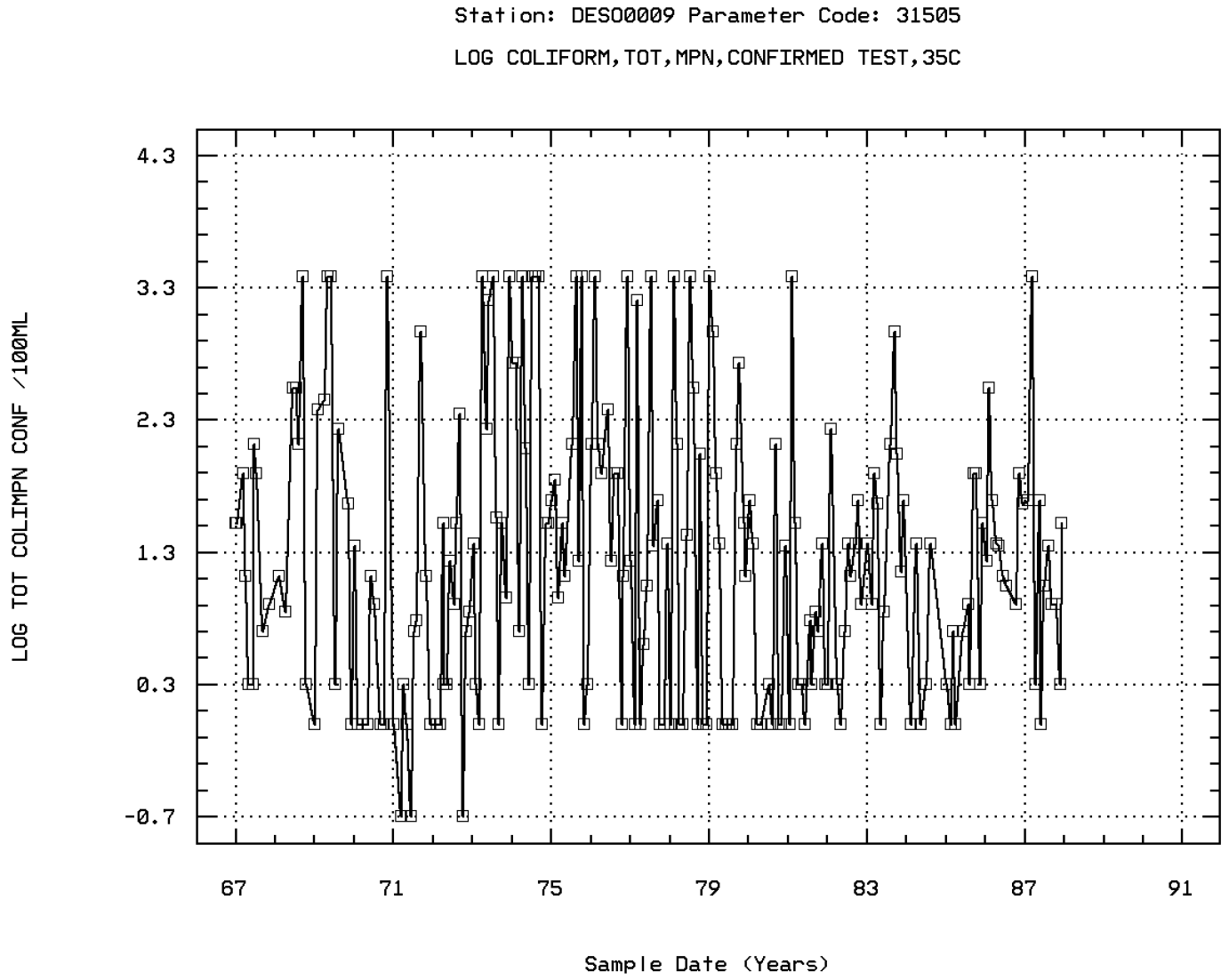
EPA Water Quality Criteria Analysis for Station: DESO0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00400	PH	Marine Chronic	8.5	169	65	0.38	40	19	0.48	86	29	0.34	43	17	0.40			
		Other-Lo Lim.	6.5	169	0	0.00	40	0	0.00	86	0	0.00	43	0	0.00			
00403	PH, LAB	Marine Chronic	8.5	5	0	0.00	2	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	2	0	0.00	3	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	218	23	0.11	51	5	0.10	111	11	0.10	56	7	0.13			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	58	8	0.14	12	3	0.25	30	3	0.10	16	2	0.13			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	187	17	0.09	44	5	0.11	96	8	0.08	47	4	0.09			

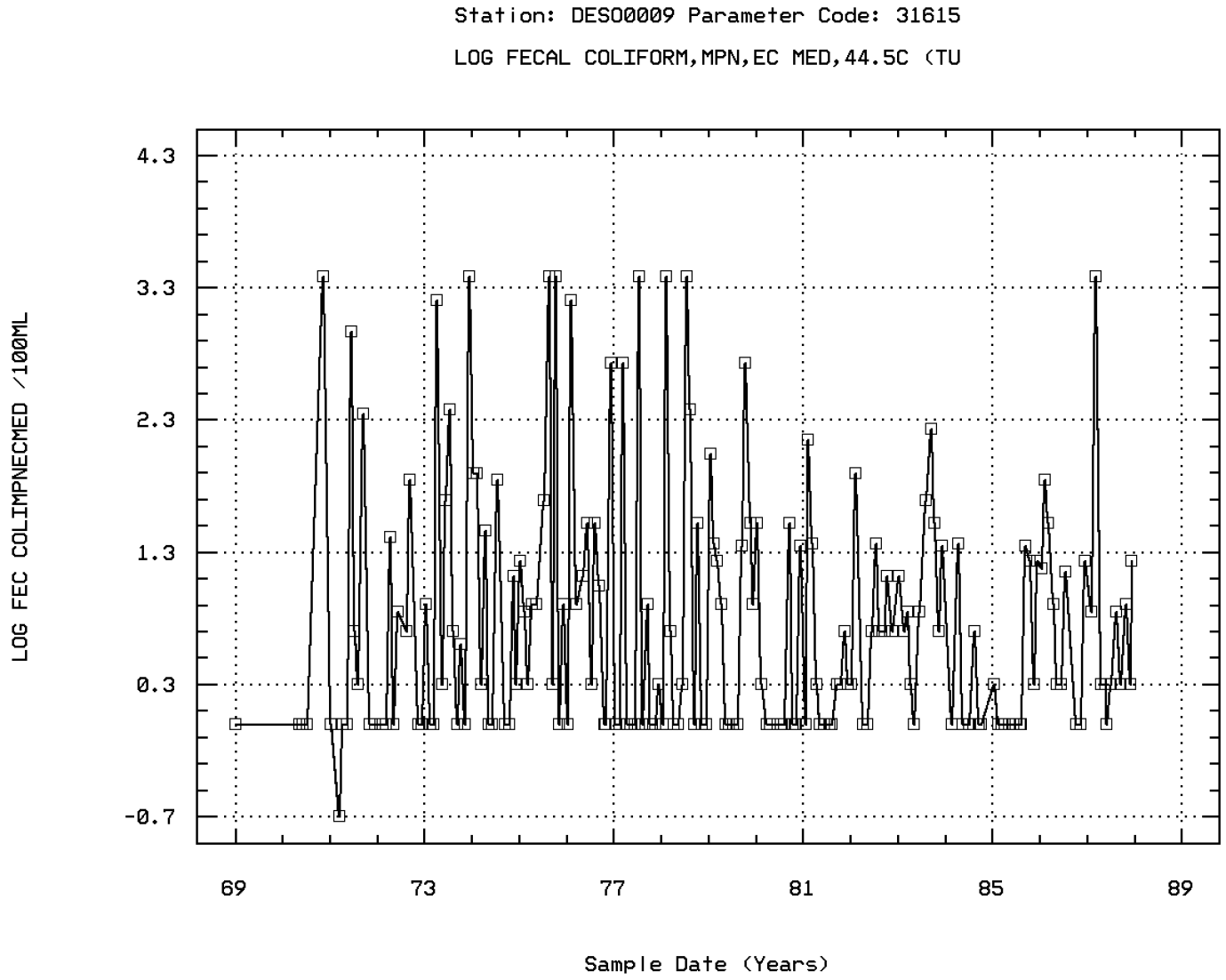
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



PALMETTO SEWAGE OUTFALL 500 YARDS NORTH



PALMETTO SEWAGE OUTFALL 500 YARDS NORTH



PALMETTO SEWAGE OUTFALL 500 YARDS NORTH

Annual Analysis for 1967 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	10	23.	38.4	130.	2.	1897.822	43.564	2.	4.25	79.	124.9
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	10	1.316	1.226	2.114	0.301	0.441	0.664	0.301	0.599	1.898	2.092
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.843								

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

Annual Analysis for 1968 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	7	130.	464.571	2400.	2.	751889.286	867.115	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	7	2.114	1.835	3.38	0.301	1.221	1.105	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			68.332								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	9	170.	615.556	2400.	1.	1034605.528	1017.156	1.	1.5	1340.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	9	2.23	1.754	3.38	0.	1.833	1.354	0.	0.151	2.914	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			56.697								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.								

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

Annual Analysis for 1970 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	8 ##	4.5	305.875	2400.	1.	716034.982	846.189	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	8 ##	0.452	0.842	3.38	0.	1.372	1.171	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.958								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	4 ##	1.	600.75	2400.	1.	1438800.25	1199.5	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	4 ##	0.	0.845	3.38	0.	2.856	1.69	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.999								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	4 ##	1.	600.75	2400.	1.	1438800.25	1199.5	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	4 ##	0.	0.845	3.38	0.	2.856	1.69	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.999								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	10	1.5	94.94	920.	0.2	84055.672	289.924	0.2	0.8	7.75	829.3
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	10	0.151	0.446	2.964	-0.699	1.133	1.065	-0.699	-0.175	0.862	2.779
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.791								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	10 ##	1.	115.22	920.	0.2	84675.284	290.99	0.28	1.	58.75	850.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	10 ##	0.	0.561	2.964	-0.699	1.355	1.164	-0.629	0.	1.11	2.902
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.637								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10 ##	1.	115.22	920.	0.2	84675.284	290.99	0.28	1.	58.75	850.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10 ##	0.	0.561	2.964	-0.699	1.355	1.164	-0.629	0.	1.11	2.902
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.637								

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Annual Analysis for 1972 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	12	22.	22.583	27.	18.	8.083	2.843	18.6	20.25	25.5	26.7
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	4	11.	11.75	15.	10.	5.583	2.363	**	**	**	**
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	11	8.5	8.355	8.7	7.5	0.131	0.362	7.56	8.4	8.5	8.66
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	11	8.5	8.163	8.7	7.5	0.171	0.414	7.56	8.4	8.5	8.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	11	0.003	0.007	0.032	0.002	0.	0.009	0.002	0.003	0.004	0.028
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12	6.	27.433	220.	0.2	3816.726	61.78	0.44	1.25	29.	163.9
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12	0.772	0.747	2.342	-0.699	0.692	0.832	-0.489	0.075	1.446	2.095
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.581								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	9 ##	1.	12.556	70.	1.	529.528	23.011	1.	1.	16.5	70.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	9 ##	0.	0.534	1.845	0.	0.506	0.711	0.	0.	1.13	1.845
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.418								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	9 ##	1.	12.556	70.	1.	529.528	23.011	1.	1.	16.5	70.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	9 ##	0.	0.534	1.845	0.	0.506	0.711	0.	0.	1.13	1.845
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.418								

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

Annual Analysis for 1973 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	11	27.	23.5	30.	11.5	47.65	6.903	11.8	16.	29.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	9	5.	11.	67.	0.	453.	21.284	0.	0.	8.5	67.
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.4	8.8	8.	0.065	0.256	8.	8.125	8.5	8.71
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.324	8.8	8.	0.072	0.268	8.	8.125	8.5	8.71
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.003	0.005	0.01	0.002	0.	0.003	0.002	0.003	0.008	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12	34.5	756.25	2400.	1.	1182630.205	1087.488	1.	3.75	2200.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12	1.537	1.772	3.38	0.	1.765	1.328	0.	0.464	3.336	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			59.19								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	12	4.5	359.333	2400.	1.	620969.879	788.016	1.	1.	192.25	2160.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	12	0.651	1.097	3.38	0.	1.595	1.263	0.	0.	2.208	3.327
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			12.493								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	4.5	359.333	2400.	1.	620969.879	788.016	1.	1.	192.25	2160.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	0.651	1.097	3.38	0.	1.595	1.263	0.	0.	2.208	3.327
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.493								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	12	24.	23.625	29.	14.	23.233	4.82	14.75	21.	28.	29.
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	10	8.	8.	15.	0.	14.444	3.801	0.5	7.25	10.	14.5
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	11	8.3	8.3	8.7	8.	0.068	0.261	8.	8.	8.5	8.66
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	11	8.3	8.231	8.7	8.	0.073	0.271	8.	8.	8.5	8.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	11	0.005	0.006	0.01	0.002	0.	0.003	0.002	0.003	0.01	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12	330.	906.167	2400.	1.	1253286.515	1119.503	1.3	12.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12	2.406	2.092	3.38	0.	1.604	1.266	0.09	0.904	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			123.544								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	11	2.	25.273	79.	1.	1137.818	33.732	1.	1.	70.	79.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	11	0.301	0.802	1.898	0.	0.71	0.842	0.	0.	1.845	1.898
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.334								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	2.	25.273	79.	1.	1137.818	33.732	1.	1.	70.	79.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	0.301	0.802	1.898	0.	0.71	0.842	0.	0.	1.845	1.898
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.334								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	11	23.	22.545	29.	13.	33.073	5.751	13.6	18.	28.	28.8
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	11	8.	8.727	17.	5.	11.818	3.438	5.	5.	10.	15.6
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	11	8.5	8.409	8.7	8.	0.049	0.221	8.	8.3	8.5	8.66
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	11	8.5	8.35	8.7	8.	0.053	0.23	8.	8.3	8.5	8.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	11	0.003	0.004	0.01	0.002	0.	0.003	0.002	0.003	0.005	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	11	33.	465.818	2400.	1.	915898.164	957.026	1.2	9.	130.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	11	1.519	1.593	3.38	0.	1.171	1.082	0.06	0.954	2.114	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39.214								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	11	8.	445.636	2400.	1.	933843.055	966.356	1.2	2.	49.	2400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	11	0.903	1.258	3.38	0.	1.316	1.147	0.06	0.301	1.69	3.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			18.111								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	8.	445.636	2400.	1.	933843.055	966.356	1.2	2.	49.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	0.903	1.258	3.38	0.	1.316	1.147	0.06	0.301	1.69	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.111								

** - 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 1976 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	12	21.75	21.708	28.	13.	28.657	5.353	13.	18.25	26.75	28.
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	12	9.	10.167	20.	3.	22.152	4.707	3.6	8.	14.25	18.5
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.258	8.5	7.	0.194	0.44	7.3	8.075	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	7.897	8.5	7.	0.336	0.58	7.3	8.075	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.003	0.013	0.1	0.003	0.001	0.028	0.003	0.003	0.009	0.073
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	11	79.	506.182	2400.	1.	881216.164	938.731	3.4	17.	240.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	11	1.898	1.946	3.38	0.	0.936	0.967	0.223	1.23	2.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			88.304								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	11.	203.909	1600.	1.	239677.091	489.568	1.	1.	33.	1388.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	1.041	1.121	3.204	0.	1.175	1.084	0.	0.	1.519	3.11
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.218								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	12	23.5	22.333	30.	14.	38.424	6.199	14.	15.25	28.	29.7
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	12	6.	7.333	18.	0.	22.061	4.697	1.2	4.	10.	16.2
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.433	8.7	8.	0.041	0.202	8.06	8.3	8.5	8.7
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.386	8.7	8.	0.043	0.207	8.06	8.3	8.5	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.005	0.009
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12	14.	344.167	2400.	1.	627494.152	792.145	1.	1.	42.5	2160.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12	1.136	1.154	3.38	0.	1.38	1.175	0.	0.	1.608	3.327
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.269								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12 ##	1.	246.5	2400.	1.	483866.273	695.605	1.	1.	6.5	1842.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12 ##	0.	0.61	3.38	0.	1.394	1.181	0.	0.	0.753	3.186
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.071								

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Annual Analysis for 1978 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	12	23.25	22.375	30.	10.	41.097	6.411	11.05	18.	28.	29.7
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	12	6.	6.167	14.	0.	17.788	4.218	0.	4.	9.	13.4
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.358	8.7	7.7	0.123	0.35	7.76	8.05	8.7	8.7
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.218	8.7	7.7	0.144	0.38	7.76	8.05	8.7	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.003	0.006	0.02	0.002	0.	0.006	0.002	0.002	0.009	0.018
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12 ##	14.	451.917	2400.	1.	838317.356	915.597	1.	1.	295.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12 ##	0.716	1.241	3.38	0.	1.957	1.399	0.	0.	2.437	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.415								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12 ##	1.5	423.833	2400.	1.	856646.152	925.552	1.	1.	188.25	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12 ##	0.151	0.972	3.38	0.	1.825	1.351	0.	0.	2.165	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.367								

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Annual Analysis for 1979 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	12	23.5	22.5	30.5	13.	34.5	5.874	13.15	17.25	27.	29.75
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	9	8.	6.778	15.	0.	23.944	4.893	0.	2.	10.	15.
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.383	8.5	8.	0.032	0.18	8.06	8.2	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.345	8.5	8.	0.034	0.184	8.06	8.2	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.003	0.005	0.01	0.003	0.	0.002	0.003	0.003	0.006	0.009
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12	28.	345.167	2400.	1.	499386.515	706.673	1.	1.	437.5	1956.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12	1.44	1.424	3.38	0.	1.53	1.237	0.	0.	2.578	3.255
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.516								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	12.5	63.75	540.	1.	23404.932	152.987	1.	1.	30.5	411.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	1.067	1.003	2.732	0.	0.789	0.888	0.	0.	1.479	2.525
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.064								

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Annual Analysis for 1980 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	10	23.75	23.	31.	13.	34.944	5.911	13.3	18.625	29.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	10	6.	5.4	10.	0.	11.6	3.406	0.	3.	8.	9.8
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	10	8.1	8.077	8.5	7.37	0.115	0.34	7.403	7.925	8.275	8.5
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	10	8.1	7.938	8.5	7.37	0.137	0.37	7.403	7.925	8.275	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	10	0.008	0.012	0.043	0.003	0.	0.012	0.003	0.006	0.012	0.04
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	10 ##	1.5	23.1	130.	1.	1665.211	40.807	1.	1.	29.5	121.9
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	10 ##	0.151	0.681	2.114	0.	0.715	0.846	0.	0.	1.444	2.072
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.797								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10 ##	1.	9.6	33.	1.	194.489	13.946	1.	1.	24.75	33.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10 ##	0.	0.468	1.519	0.	0.479	0.692	0.	0.	1.386	1.519
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.938								

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Annual Analysis for 1981 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	12	24.75	24.	31.	14.	33.545	5.792	14.6	19.75	29.5	30.85
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	12	8.	7.083	15.	0.	20.447	4.522	0.	4.25	10.	13.5
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.22	8.148	8.78	7.35	0.16	0.4	7.395	7.975	8.352	8.705
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.22	7.953	8.78	7.35	0.201	0.449	7.395	7.975	8.352	8.705
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.006	0.011	0.045	0.002	0.	0.013	0.002	0.004	0.011	0.041
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12	3.5	207.	2400.	1.	477050.727	690.689	1.	2.	19.	1689.9
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12	0.5	0.816	3.38	0.	0.889	0.943	0.	0.301	1.233	2.822
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.54								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	2.	15.083	140.	1.	1585.902	39.823	1.	1.	4.25	104.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	0.301	0.451	2.146	0.	0.443	0.665	0.	0.	0.599	1.911
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.824								

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Annual Analysis for 1982 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	10	25.75	25.3	30.	19.	12.067	3.474	19.25	22.625	28.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	10	6.	6.	10.	0.	8.889	2.981	0.4	4.	8.5	10.
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	10	7.885	7.879	8.27	7.56	0.058	0.241	7.562	7.64	8.098	8.255
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	10	7.885	7.821	8.27	7.56	0.062	0.249	7.562	7.64	8.098	8.255
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	10	0.013	0.015	0.028	0.005	0.	0.008	0.006	0.008	0.023	0.027
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	10	10.5	29.6	170.	1.	2651.6	51.494	1.1	2.	29.5	157.9
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	10	1.009	0.996	2.23	0.	0.482	0.695	0.03	0.301	1.444	2.176
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.913								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10	5.	13.9	79.	1.	568.1	23.835	1.	1.75	15.5	73.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10	0.699	0.747	1.898	0.	0.351	0.593	0.	0.226	1.176	1.844
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.585								

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Annual Analysis for 1983 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.083	1.	0.	0.083	0.289	0.	0.	0.	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	12	21.	22.333	30.	17.	20.424	4.519	17.	17.75	26.75	29.1
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	12	6.	6.	10.	0.	13.818	3.717	0.	4.	10.	10.
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.12	8.128	8.5	7.78	0.029	0.17	7.849	8.053	8.2	8.431
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.12	8.097	8.5	7.78	0.03	0.173	7.849	8.052	8.2	8.431
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.008	0.008	0.017	0.003	0.	0.003	0.004	0.006	0.009	0.015
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	11	46.	126.091	920.	1.	71210.891	266.854	2.2	8.	110.	762.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	11	1.663	1.511	2.964	0.	0.621	0.788	0.169	0.903	2.041	2.794
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.466								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	7.	28.545	170.	1.	2423.273	49.227	1.2	5.	33.	145.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	0.845	1.026	2.23	0.	0.41	0.64	0.06	0.699	1.519	2.122
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.614								

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Annual Analysis for 1984 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	5	25.	25.2	29.	19.	17.2	4.147	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	4	10.	7.5	10.	0.	25.	5.	**	**	**	**
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	5	8.	7.976	8.42	7.35	0.163	0.403	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	5	8.	7.811	8.42	7.35	0.196	0.443	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	5	0.01	0.015	0.045	0.004	0.	0.017	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	5	2.	10.	23.	1.	141.	11.874	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	5	0.301	0.605	1.362	0.	0.492	0.702	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.026								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	7 ##	1.	4.714	23.	1.	67.238	8.2	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	7 ##	0.	0.294	1.362	0.	0.289	0.538	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.97								

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Annual Analysis for 1985 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	11	24.	24.136	31.4	14.5	34.013	5.832	14.66	20.	30.1	31.32
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	11	8.	8.636	20.	0.	37.255	6.104	0.4	5.	15.	19.
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	11	7.96	7.892	8.04	7.41	0.033	0.182	7.492	7.82	8.02	8.038
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	11	7.96	7.848	8.04	7.41	0.035	0.188	7.492	7.82	8.02	8.038
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	11	0.011	0.014	0.039	0.009	0.	0.009	0.009	0.01	0.015	0.034
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	11	5.	19.727	79.	1.	941.818	30.689	1.	2.	33.	79.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	11	0.699	0.774	1.898	0.	0.498	0.705	0.	0.301	1.519	1.898
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.948								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11 ##	1.	6.	22.	1.	68.	8.246	1.	1.	17.	21.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11 ##	0.	0.4	1.342	0.	0.325	0.57	0.	0.	1.23	1.32
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.515								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0009

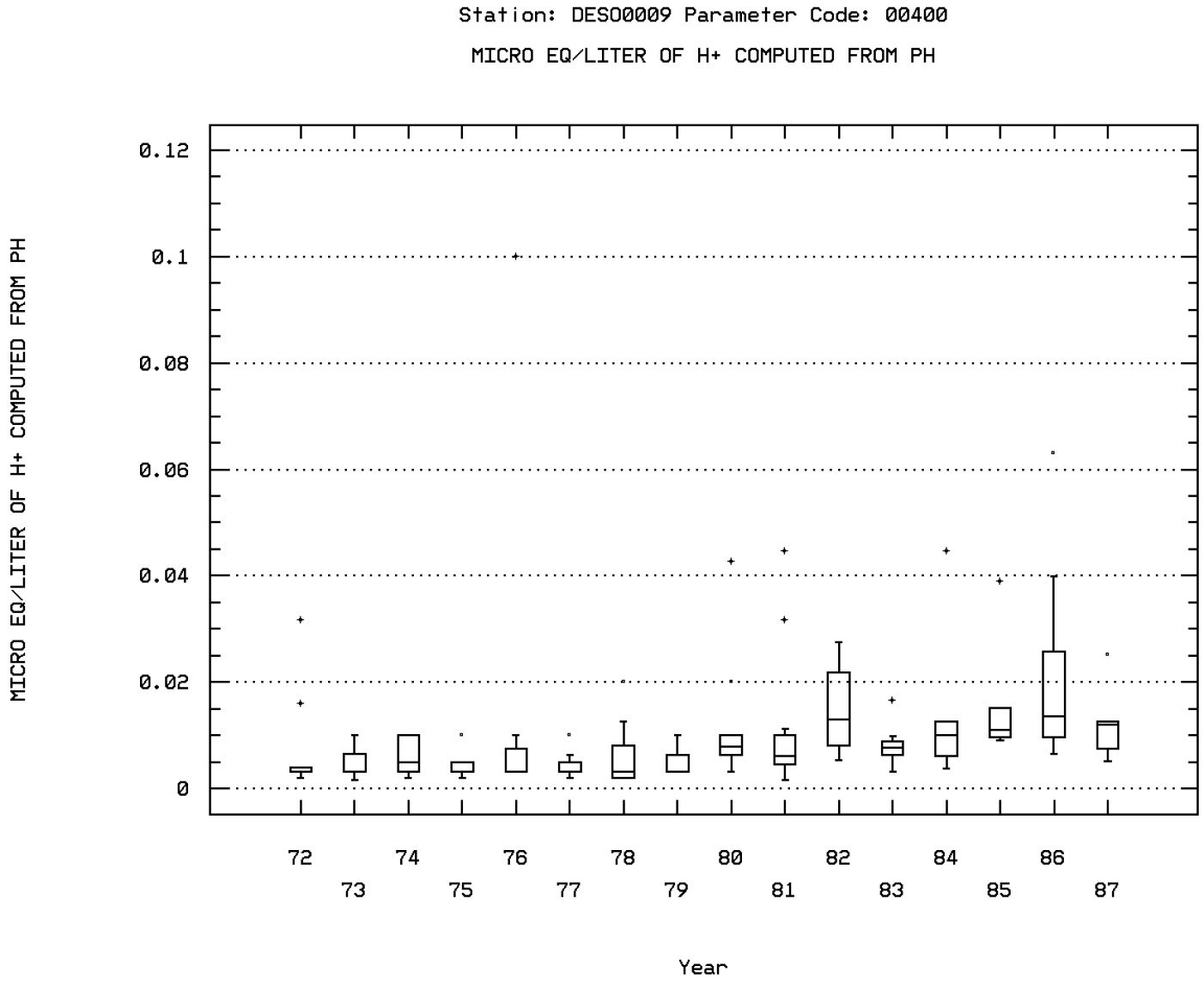
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	10	24.05	24.	30.4	14.	25.164	5.016	14.65	20.8	29.2	30.28
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	10	5.	6.7	12.	5.	7.789	2.791	5.	5.	10.	11.8
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	10	7.875	7.801	8.19	7.2	0.107	0.327	7.22	7.543	8.05	8.185
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	10	7.869	7.681	8.19	7.2	0.123	0.35	7.22	7.542	8.05	8.185
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	10	0.014	0.021	0.063	0.006	0.	0.018	0.007	0.009	0.029	0.061
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	10	22.5	61.8	350.	8.	10746.844	103.667	8.3	12.5	56.5	322.9
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	10	1.352	1.479	2.544	0.903	0.238	0.487	0.917	1.096	1.742	2.479
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.114								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10	11.	16.3	70.	1.	457.344	21.386	1.	1.75	21.	66.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10	1.025	0.842	1.845	0.	0.425	0.652	0.	0.226	1.302	1.812
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.953								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	11	0.5	0.636	1.	0.	0.105	0.323	0.1	0.5	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	11	23.3	23.191	30.6	7.4	49.707	7.05	9.44	18.3	29.	30.52
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	10	10.	10.01	20.	0.1	33.112	5.754	0.59	5.	15.	19.5
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	6	7.925	7.962	8.29	7.6	0.055	0.234	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	6	7.924	7.909	8.29	7.6	0.058	0.241	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	6	0.012	0.012	0.025	0.005	0.	0.007	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	11	11.	235.	2400.	1.	515915.8	718.273	1.2	2.	49.	1929.8
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	11	1.041	1.188	3.38	0.	0.861	0.928	0.06	0.301	1.69	3.042
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.427								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	2.	222.727	2400.	1.	521479.018	722.135	1.2	2.	8.	1923.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	0.301	0.792	3.38	0.	0.874	0.935	0.06	0.301	0.903	2.95
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.191								

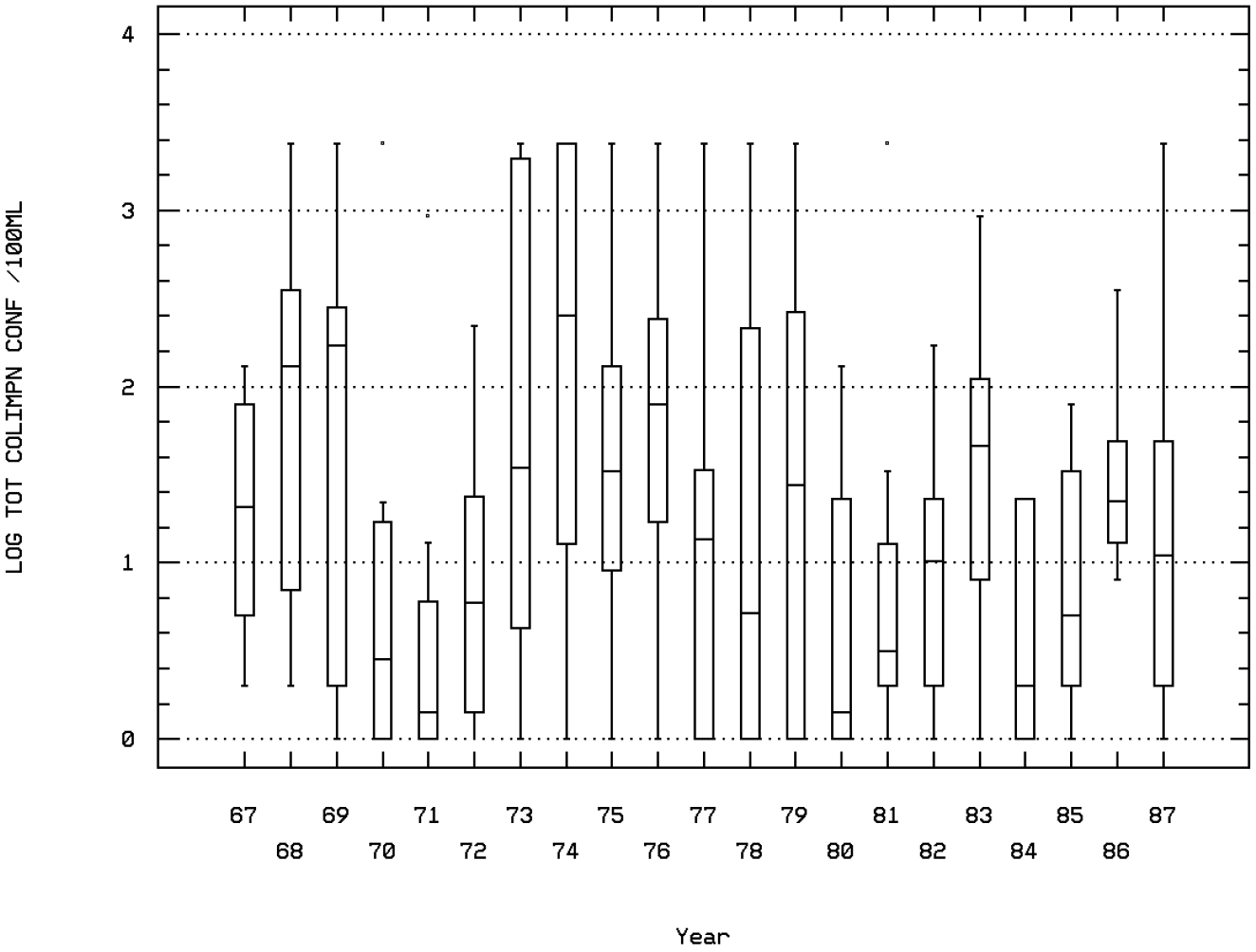
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PALMETTO SEWAGE OUTFALL 500 YARDS NORTH

Station: DES00009 Parameter Code: 31505

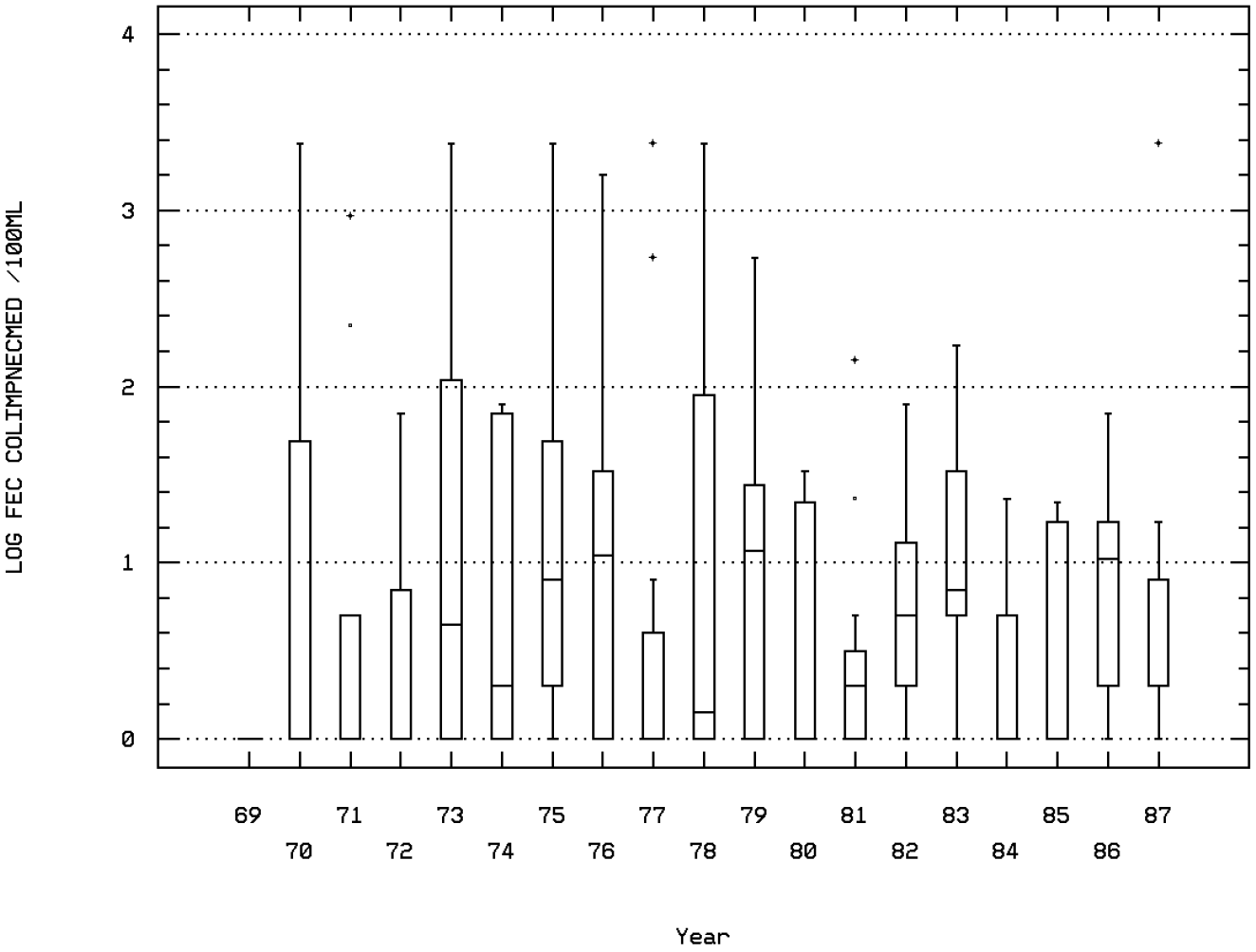
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



PALMETTO SEWAGE OUTFALL 500 YARDS NORTH

Station: DES00009 Parameter Code: 31615

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



PALMETTO SEWAGE OUTFALL 500 YARDS NORTH

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	53	0.	0.038	1.	0.	0.027	0.166	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	42	28.	27.648	31.4	22.5	3.62	1.903	25.	26.75	29.	29.9
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	39	8.	8.795	67.	0.	108.852	10.433	0.	5.	10.	15.
00400	PH (STANDARD UNITS)	03/13/72-07/06/87	40	8.3	8.288	8.8	7.56	0.086	0.294	7.86	8.028	8.5	8.683
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	40	8.3	8.184	8.8	7.56	0.097	0.312	7.86	8.027	8.5	8.683
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	40	0.005	0.007	0.028	0.002	0.	0.005	0.002	0.003	0.009	0.014
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	51	33.	324.514	2400.	0.2	514824.82	717.513	1.	2.	130.	2104.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	51	1.519	1.442	3.38	-0.699	1.222	1.105	0.	0.301	2.114	3.297
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.698								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	12	4.5	425.917	2400.	1.	854228.811	924.245	1.	1.25	182.5	2400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	12	0.651	1.129	3.38	0.	1.633	1.278	0.	0.075	2.218	3.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			13.464								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	44	5.	144.864	2400.	1.	256665.841	506.622	1.	1.	33.	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	44	0.699	0.897	3.38	0.	0.901	0.949	0.	0.	1.519	2.361
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.892								

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Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	111	0.	0.041	1.	0.	0.032	0.18	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	90	20.	18.952	25.9	7.4	15.093	3.885	13.05	16.	22.125	23.48
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	82	8.	7.928	20.	0.	21.383	4.624	0.03	5.	10.	15.
00400	PH (STANDARD UNITS)	03/13/72-07/06/87	86	8.2	8.15	8.78	7.2	0.129	0.36	7.587	7.988	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	86	8.2	7.984	8.78	7.2	0.157	0.396	7.587	7.988	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	86	0.006	0.01	0.063	0.002	0.	0.011	0.003	0.003	0.01	0.026
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	111	17.	276.362	2400.	0.2	486570.81	697.546	1.	2.	49.	1464.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	111	1.23	1.228	3.38	-0.699	1.118	1.057	0.	0.301	1.69	3.156
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.906								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	30	2.	223.107	2400.	0.2	434531.914	659.19	1.	1.	19.25	1447.9
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	30	0.301	0.758	3.38	-0.699	1.169	1.081	0.	0.	1.277	3.073
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.728								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	96	3.5	156.252	2400.	0.2	278578.185	527.805	1.	1.	20.75	119.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	96	0.5	0.806	3.38	-0.699	0.908	0.953	0.	0.	1.314	2.073
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.393								

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	58	0.	0.043	1.	0.	0.038	0.194	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-12/07/87	43	28.	27.598	31.	21.	5.995	2.449	24.2	26.	30.	30.46
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	37	6.	6.405	15.	0.	17.748	4.213	0.	4.	10.	12.6
00400	PH (STANDARD UNITS)	03/13/72-07/06/87	43	8.2	8.2	8.7	7.	0.135	0.368	7.756	8.	8.5	8.62
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	43	8.2	7.997	8.7	7.	0.178	0.422	7.756	8.	8.5	8.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	43	0.006	0.01	0.1	0.002	0.	0.016	0.002	0.003	0.01	0.018
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	56	8.	319.271	2400.	0.2	578247.733	760.426	1.	2.	109.75	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	56	0.903	1.159	3.38	-0.699	1.263	1.124	0.	0.301	2.034	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.408								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	16	3.5	84.813	920.	1.	53250.696	230.761	1.	1.	49.	444.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	16	0.5	0.832	2.964	0.	0.973	0.986	0.	0.	1.69	2.555
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.798								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	47 ##	1.	133.638	2400.	1.	252099.279	502.095	1.	1.	8.	104.

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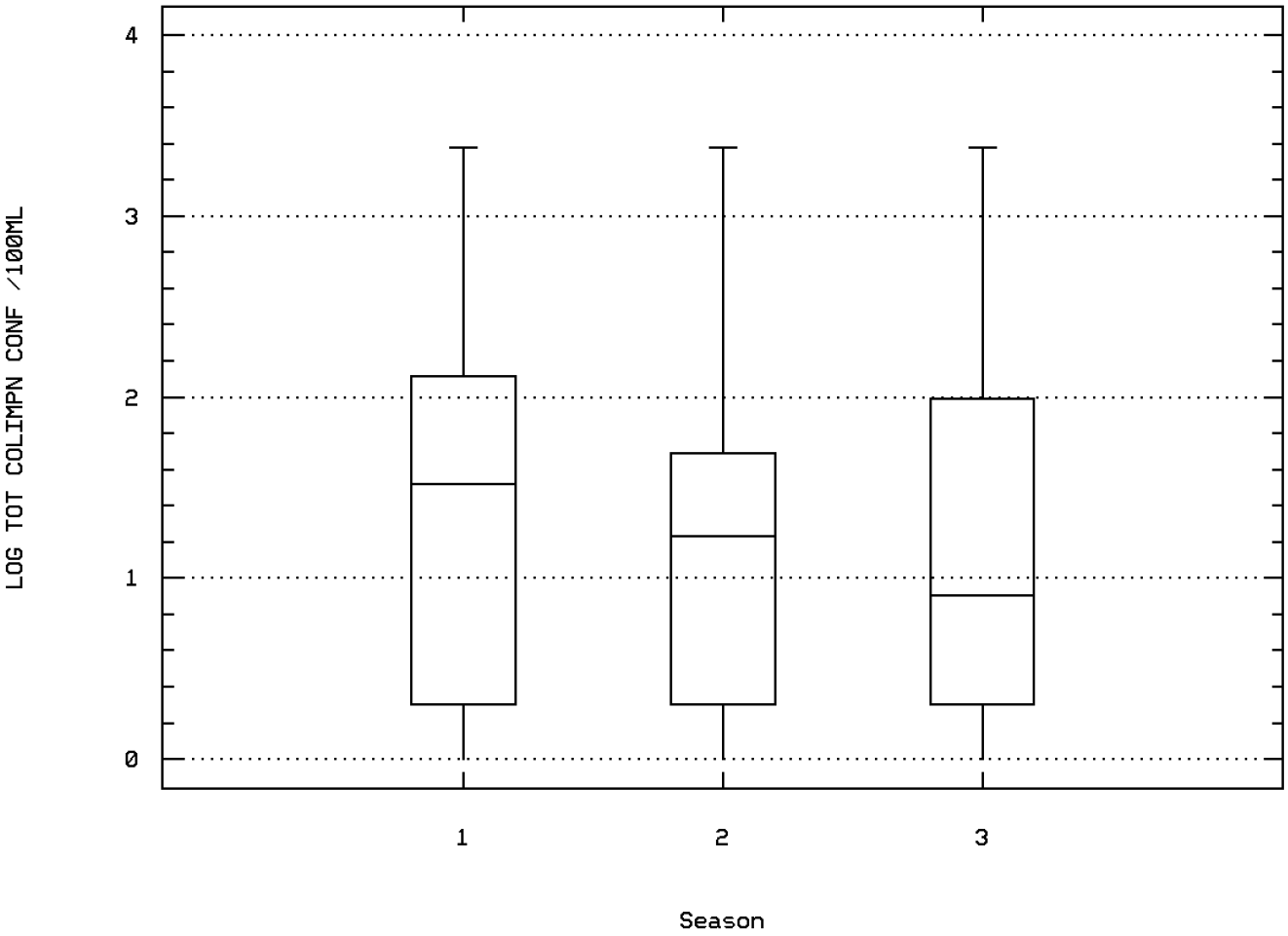
Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	47 ##	0.	0.608	3.38	0.	0.861	0.928	0.	0.	0.903	1.952
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.054								

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

Station: DESO0009 Parameter Code: 31505

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



PALMETTO SEWAGE OUTFALL 500 YARDS NORTH

Station Inventory for Station: DESO0010

NPS Station ID: DESO0010
LAT/LON: 27.529503/ -82.606670
Agency: 21FLMANA
Date Created: 08/19/95
Location: SOUTHWEST TERRA CEIA BAY
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TC-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:
AWP

Parameter Inventory for Station: DESO0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	50	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/89-12/13/94	46	25.	24.298	32.	12.	24.085	4.908	17.	21.	29.	30.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/01/89-12/13/94	36	1.2	1.213	1.8	0.5	0.1	0.316	0.87	0.943	1.4	1.8
00080	COLOR (PLATINUM-COBALT UNITS)	01/01/89-12/13/94	48	20.	24.792	100.	5.	365.913	19.129	10.	10.	30.	40.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	49	42600.	42757.143	53200.	29300.	27397500.	5234.262	35200.	40100.	46050.	49400.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/01/89-12/13/94	42	7.7	7.436	11.2	4.2	2.798	1.673	5.06	6.4	8.6	9.51
00311	BOD, DISSOLVED, 5 DAY MG/L	01/01/89-12/13/94	43	2.2	2.251	6.	0.6	1.098	1.048	0.98	1.5	2.9	3.56
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	48	8.1	8.12	8.4	7.6	0.035	0.188	7.9	8.	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	48	8.1	8.076	8.4	7.6	0.037	0.193	7.9	8.	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	48	0.008	0.008	0.025	0.004	0.	0.004	0.004	0.006	0.01	0.013
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	50	17.	19.84	45.	3.	106.586	10.324	9.1	13.	26.25	35.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/01/89-12/13/94	39	8.	7.846	17.	2.	10.976	3.313	4.	5.	10.	12.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/01/89-12/13/94	43 ##	0.005	0.024	0.34	0.005	0.003	0.054	0.005	0.005	0.025	0.04
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	50	0.035	0.039	0.13	0.005	0.001	0.029	0.01	0.02	0.05	0.08
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/01/89-12/13/94	44	0.422	0.429	1.52	0.	0.101	0.318	0.025	0.22	0.528	0.861
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	50	0.03	0.036	0.2	0.002	0.001	0.034	0.006	0.01	0.05	0.078
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/01/89-04/26/94	41	16500.	16663.098	30241.	12000.	9492604.09	3081.007	13200.	15100.	17600.	19700.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/01/90-04/29/91	4	20.5	38.25	110.	2.	2424.25	49.237	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/01/90-04/29/91	4	1.259	1.215	2.041	0.301	0.539	0.734	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.415								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/01/89-12/13/94	43	5.6	8.094	35.1	0.5	74.968	8.658	0.5	3.2	8.6	23.708
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	29	1.54	5.812	53.	0.	118.775	10.898	0.13	0.5	6.975	18.68
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	29	3.47	10.984	78.3	0.	258.271	16.071	0.3	0.5	17.015	28.4
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/01/90-07/13/92	12	0.5	7.019	39.52	0.	188.521	13.73	0.	0.125	4.805	37.435
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/01/89-12/13/94	42	8.9	26.664	163.3	0.27	1638.222	40.475	0.5	0.835	29.828	93.94
70305	SALINITY BASED ON CONDUCTIVITY	01/01/89-09/06/94	42	28.5	28.167	37.	19.	12.67	3.56	24.	26.	30.175	33.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/01/89-12/13/94	44	0.19	0.25	2.03	0.005	0.097	0.311	0.045	0.113	0.26	0.455
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/01/89-12/13/94	48	3.	3.279	9.9	0.2	3.747	1.936	1.3	1.85	4.05	6.21

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

EPA Water Quality Criteria Analysis for Station: DESO0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	42	0	0.00	5	0	0.00	28	0	0.00	9	0	0.00			
00400	PH	Marine Chronic	8.5	48	0	0.00	8	0	0.00	29	0	0.00	11	0	0.00			
		Other-Lo Lim.	6.5	48	0	0.00	8	0	0.00	29	0	0.00	11	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	0	0.00	1	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	48	0	0.00	8	0	0.00	29	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 1989 - Station DESO0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	10	43450.	42960.	47700.	32500.	18216000.	4268.021	33340.	41650.	46050.	47580.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.	7.944	8.2	7.6	0.048	0.219	7.6	7.75	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.	7.891	8.2	7.6	0.051	0.226	7.6	7.75	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.01	0.013	0.025	0.006	0.	0.007	0.006	0.008	0.019	0.025
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	10	18.	19.7	45.	5.	137.567	11.729	5.3	9.5	26.25	43.2
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	10	0.05	0.044	0.11	0.01	0.001	0.029	0.011	0.02	0.053	0.105
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	10	0.02	0.03	0.1	0.002	0.001	0.031	0.002	0.004	0.053	0.096

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

Annual Analysis for 1990 - Station DESO0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	9	45400.	44233.333	49400.	40000.	9920000.	3149.603	40000.	41300.	46350.	49400.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.1	8.1	8.4	7.8	0.035	0.187	7.8	7.95	8.25	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.1	8.065	8.4	7.8	0.036	0.191	7.8	7.95	8.25	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.008	0.009	0.016	0.004	0.	0.004	0.004	0.006	0.011	0.016
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	9	30.	26.444	45.	3.	188.528	13.731	3.	17.	38.5	45.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	9	0.05	0.056	0.13	0.008	0.002	0.043	0.008	0.015	0.095	0.13
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	9	0.03	0.038	0.1	0.002	0.001	0.034	0.002	0.008	0.065	0.1

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

Annual Analysis for 1991 - Station DESO0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	9	41800.	40755.556	46100.	29300.	34190277.778	5847.245	29300.	36750.	45650.	46100.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.1	8.15	8.4	8.	0.016	0.127	8.	8.05	8.225	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.1	8.134	8.4	8.	0.017	0.129	8.	8.05	8.225	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.008	0.007	0.01	0.004	0.	0.002	0.004	0.006	0.009	0.01
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	9	15.	16.333	28.	10.	31.5	5.612	10.	12.5	19.5	28.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	9	0.03	0.034	0.08	0.007	0.001	0.023	0.007	0.015	0.05	0.08
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	9	0.03	0.038	0.08	0.01	0.001	0.024	0.01	0.015	0.055	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 box-and-whisker plot

Annual Analysis for 1992 - Station DESO0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	6	41550.	40783.333	46200.	32500.	28909666.667	5376.771	**	**	**	**
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	6	8.15	8.183	8.4	8.1	0.014	0.117	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	6	8.147	8.171	8.4	8.1	0.014	0.118	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	6	0.007	0.007	0.008	0.004	0.	0.002	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	7	12.	13.	17.	9.	10.667	3.266	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	7	0.02	0.028	0.1	0.005	0.001	0.033	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	7	0.02	0.048	0.2	0.008	0.005	0.068	**	**	**	**

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Annual Analysis for 1993 - Station DESO0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	5	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	5	40800.	40700.	49300.	35200.	33460000.	5784.462	**	**	**	**
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	5	8.1	8.18	8.4	8.	0.042	0.205	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	5	8.1	8.144	8.4	8.	0.044	0.209	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	5	0.008	0.007	0.01	0.004	0.	0.003	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	14.	13.2	19.	5.	26.2	5.119	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	5	0.04	0.038	0.05	0.02	0.	0.013	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	5	0.03	0.03	0.05	0.01	0.	0.016	**	**	**	**

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

Annual Analysis for 1994 - Station DESO0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	10	44550.	45240.	53200.	36000.	39733777.778	6303.473	36210.	39525.	51700.	53140.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	10	8.2	8.2	8.4	7.9	0.027	0.163	7.91	8.075	8.325	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	10	8.2	8.171	8.4	7.9	0.028	0.166	7.91	8.075	8.325	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	10	0.006	0.007	0.013	0.004	0.	0.003	0.004	0.005	0.008	0.012
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	10	24.	25.3	44.	13.	78.456	8.858	13.3	19.	30.5	42.8
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	10	0.03	0.031	0.05	0.01	0.	0.019	0.01	0.01	0.05	0.05
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	10	0.04	0.033	0.05	0.01	0.	0.019	0.01	0.01	0.05	0.05

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Station Inventory for Station: DESO0011

NPS Station ID: DESO0011
LAT/LON: 27.527253/ -82.609449
Agency: 21FLA
Date Created: / /
Location: WTC-1 TERRA CEIA BAY
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 24010261
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: TAMPA BAY AREA
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 1.80
On/Off RF1:
RF3 Index: 03100202000801.77
RF3 Mile Point: 2.76
Distance from RF3: 0.07
On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER: BAY, TERRA CEIA TERRA CEIA BAY-RED BODY BY GUSS LANDING
150 YDS FROM SHORE

Parameter Inventory for Station: DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	218	0.	0.041	1.	0.	0.033	0.181	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	173	24.	22.979	32.	8.	31.017	5.569	14.	19.	28.	29.84
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	158	8.	7.393	20.	0.	19.275	4.39	0.	5.	10.	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/72-08/14/72	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	168	8.5	8.321	8.88	7.22	0.078	0.279	7.998	8.1	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	168	8.5	8.209	8.88	7.22	0.091	0.301	7.998	8.1	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	168	0.003	0.006	0.06	0.001	0.	0.007	0.003	0.003	0.008	0.01
00403	PH, LAB, STANDARD UNITS SU	08/11/87-12/07/87	5	7.8	7.74	8.	7.5	0.053	0.23	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/11/87-12/07/87	5	7.8	7.692	8.	7.5	0.056	0.236	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/87-12/07/87	5	0.016	0.02	0.032	0.01	0.	0.011	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/72-08/14/72	1	2.23	2.23	2.23	2.23	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	213	23.	188.502	2400.	1.	233833.591	483.563	2.	8.	94.5	350.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	213	1.362	1.432	3.38	0.	0.738	0.859	0.301	0.903	1.975	2.544
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.028								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	59	2.	86.593	1600.	1.	78018.659	279.318	1.	1.	21.	110.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	59	0.301	0.793	3.204	0.	0.746	0.864	0.	0.	1.322	2.041
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.216								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	186	5.	61.366	1600.	1.	38871.563	197.159	1.	2.	23.	79.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	186	0.699	0.913	3.204	0.	0.594	0.771	0.	0.301	1.362	1.898
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.192								

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

EPA Water Quality Criteria Analysis for Station: DESO0011

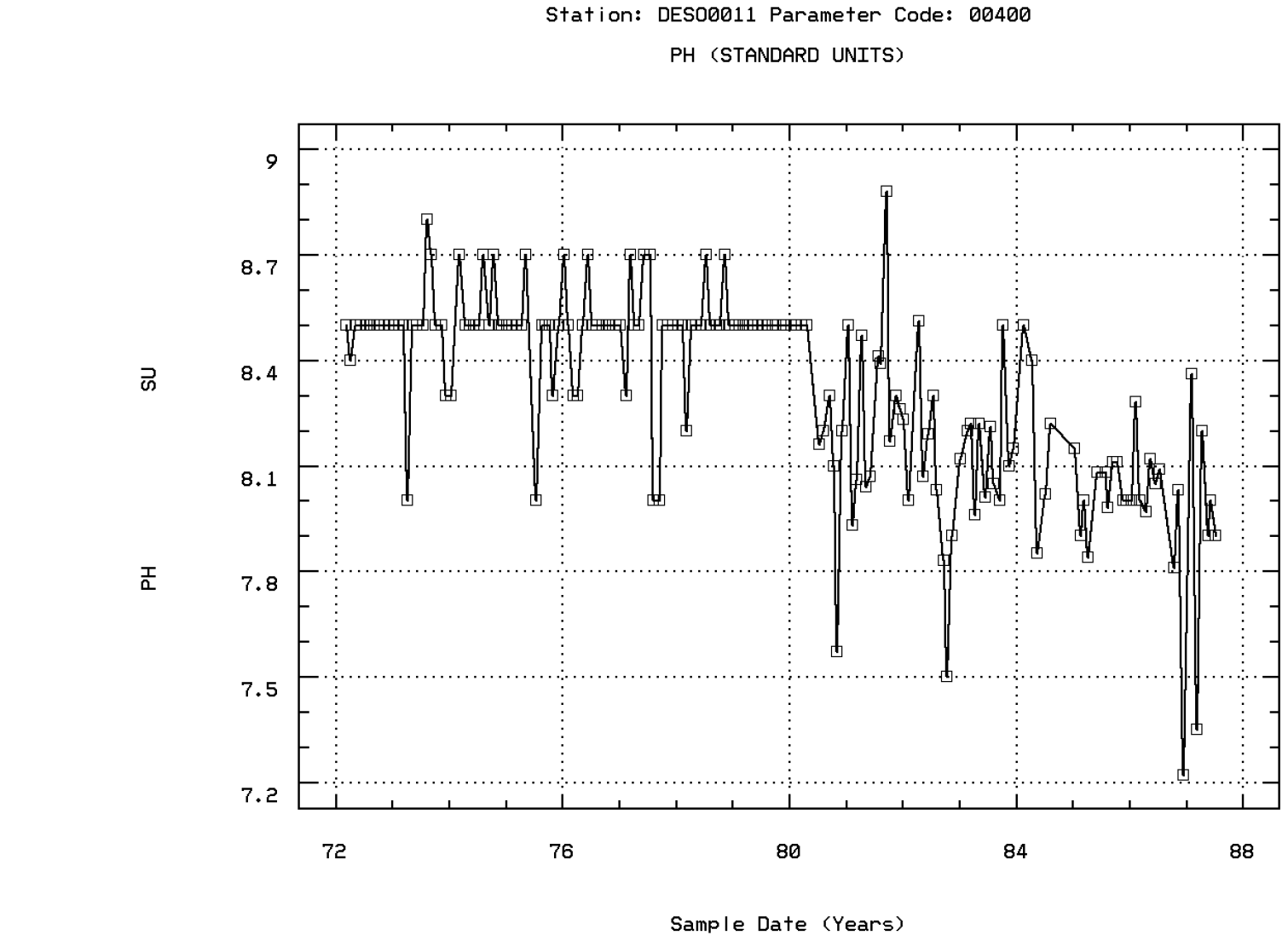
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	168	89	0.53	40	23	0.58	85	44	0.52	43	22	0.51			
		Other-Lo Lim.	6.5	168	0	0.00	40	0	0.00	85	0	0.00	43	0	0.00			
00403	PH, LAB	Marine Chronic	8.5	5	0	0.00	2	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	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

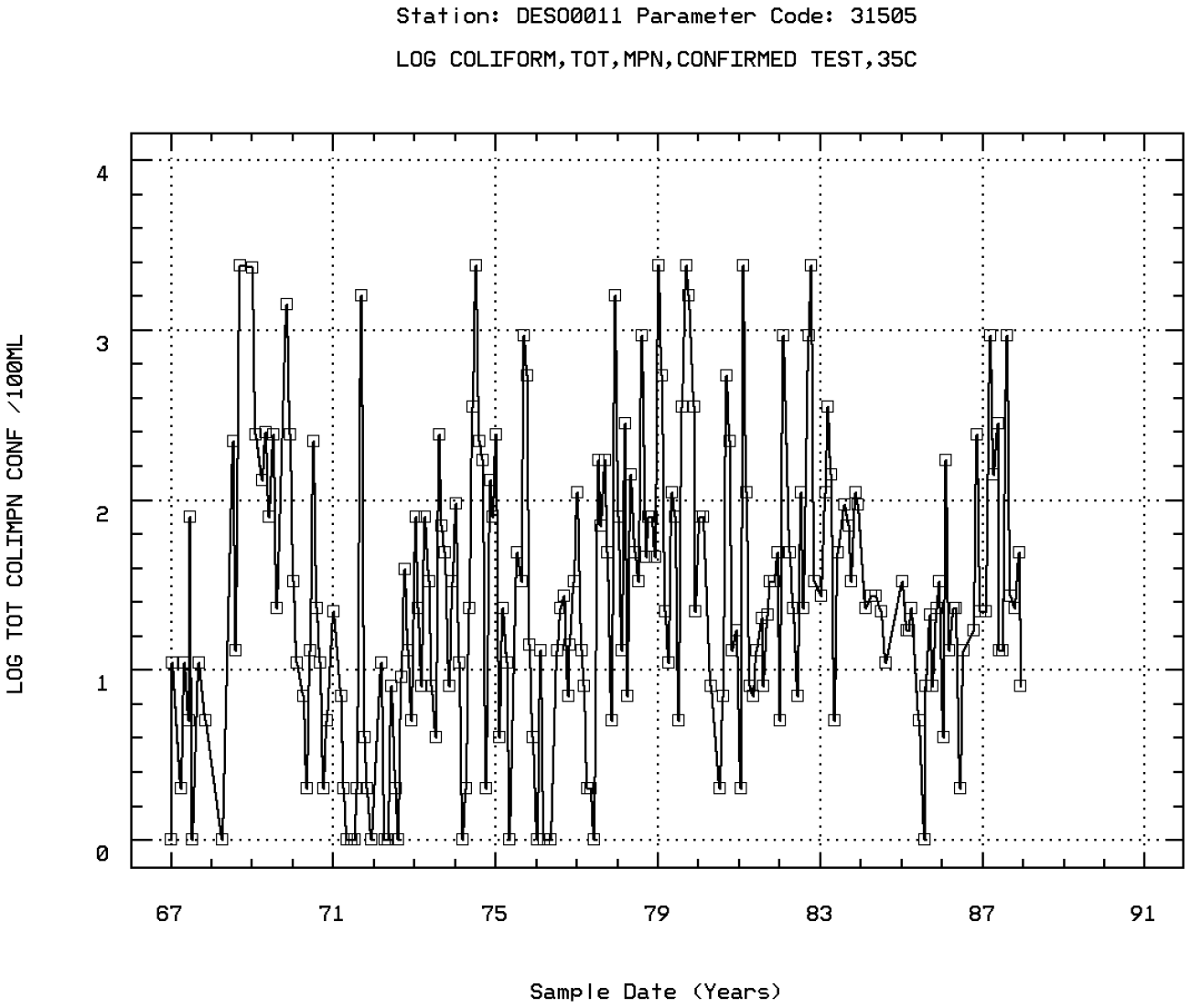
EPA Water Quality Criteria Analysis for Station: DESO0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	213	11	0.05	52	5	0.10	106	5	0.05	55	1	0.02			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	59	5	0.08	13	2	0.15	30	2	0.07	16	1	0.06			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	186	13	0.07	44	6	0.14	96	6	0.06	46	1	0.02			

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



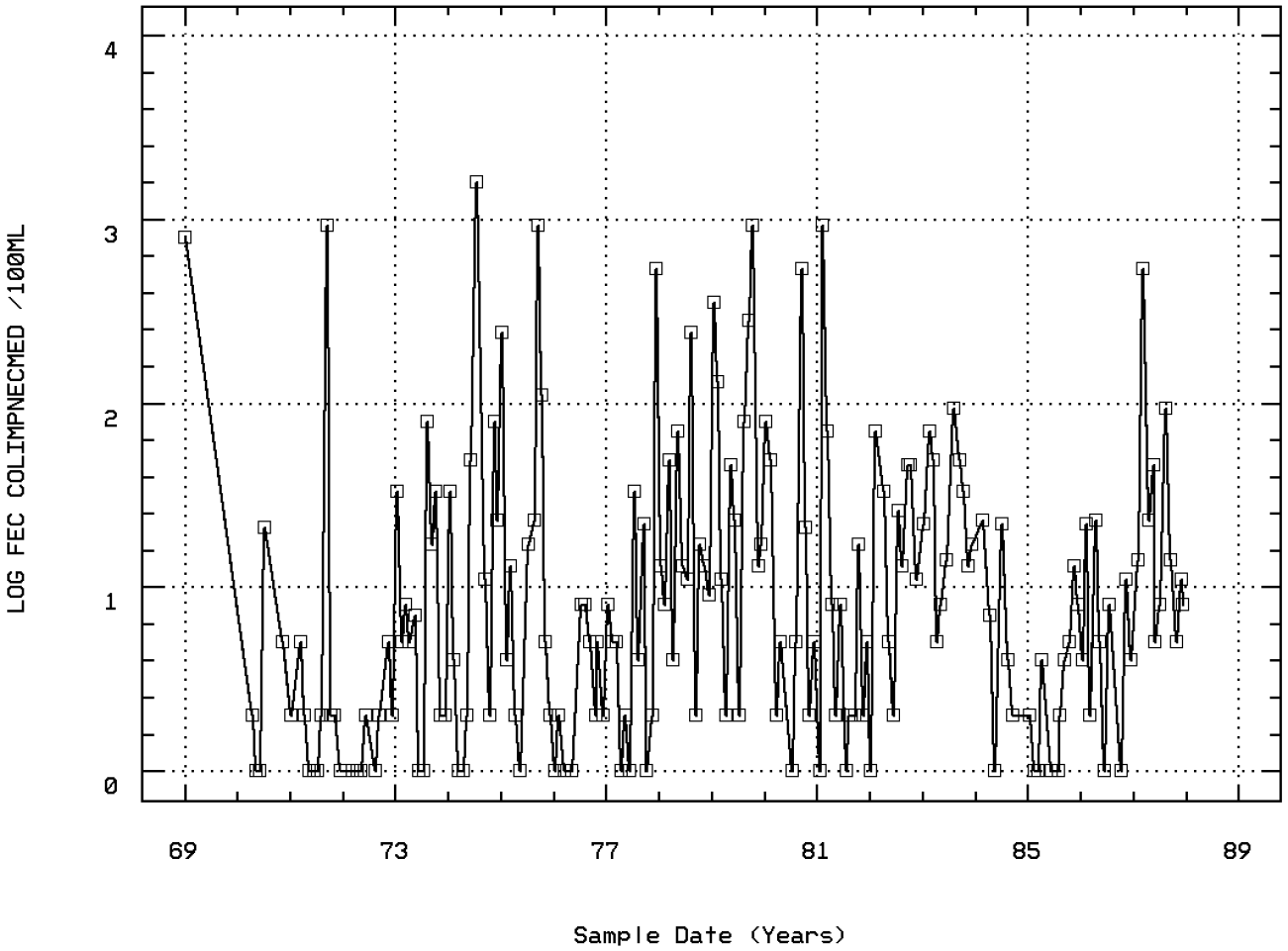
WTC-1 TERRA CEIA BAY



WTC-1 TERRA CEIA BAY

Station: DESO0011 Parameter Code: 31615

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



WTC-1 TERRA CEIA BAY

Annual Analysis for 1967 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	9	5.	14.	79.	1.	612.	24.739	1.	1.5	11.	79.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	9	0.699	0.747	1.898	0.	0.363	0.602	0.	0.151	1.041	1.898
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.582								

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

Annual Analysis for 1968 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	4	116.5	658.5	2400.	1.	1358027.	1165.344	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	4	1.728	1.709	3.38	0.	2.156	1.468	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			51.185								

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

Annual Analysis for 1969 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	9	240.	544.444	2300.	23.	605024.528	777.833	23.	104.5	824.	2300.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	9	2.38	2.38	3.362	1.362	0.361	0.601	1.362	2.006	2.77	3.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			239.653								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	1	790.	790.	790.	790.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	1	2.898	2.898	2.898	2.898	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			790.								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	1	790.	790.	790.	790.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	1	2.898	2.898	2.898	2.898	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			790.								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	10	11.	32.7	220.	2.	4424.233	66.515	2.	4.25	25.5	201.3
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	10	1.041	1.057	2.342	0.301	0.364	0.604	0.301	0.599	1.401	2.26
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.391								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	5	2.	6.	21.	1.	73.	8.544	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	5	0.301	0.464	1.322	0.	0.312	0.559	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2.914								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	5	2.	6.	21.	1.	73.	8.544	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	5	0.301	0.464	1.322	0.	0.312	0.559	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.914								

** - 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 1971 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	11	2.	149.364	1600.	1.	231516.055	481.161	1.	1.	7.	1284.4
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	11	0.301	0.627	3.204	0.	0.909	0.954	0.	0.	0.845	2.832
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.236								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	11	2.	85.364	920.	1.	76629.255	276.82	1.	1.	2.	737.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	11	0.301	0.47	2.964	0.	0.73	0.854	0.	0.	0.301	2.511
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2.95								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	2.	85.364	920.	1.	76629.255	276.82	1.	1.	2.	737.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	0.301	0.47	2.964	0.	0.73	0.854	0.	0.	0.301	2.511
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.95								

** - 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 1972 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	10	23.5	23.	28.	18.	9.111	3.018	18.2	20.75	25.25	27.8
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	4	11.	11.75	15.	10.	5.583	2.363	**	**	**	**
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	10	8.5	8.49	8.5	8.4	0.001	0.032	8.41	8.5	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	10	8.5	8.489	8.5	8.4	0.001	0.032	8.41	8.5	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	10	0.003	0.003	0.004	0.003	0.	0.	0.003	0.003	0.003	0.004
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	10	6.5	9.	39.	1.	130.889	11.441	1.	1.	11.5	36.4
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	10	0.801	0.66	1.591	0.	0.311	0.558	0.	0.	1.06	1.543
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.575								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	8 ##	1.5	1.875	5.	1.	1.839	1.356	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	8 ##	0.151	0.2	0.699	0.	0.063	0.251	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.586								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	8 ##	1.5	1.875	5.	1.	1.839	1.356	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	8 ##	0.151	0.2	0.699	0.	0.063	0.251	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.586								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	11	27.	23.409	30.	11.5	50.041	7.074	11.6	16.	29.	30.
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	9	5.	4.444	10.	0.	13.778	3.712	0.	0.	7.5	10.
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.483	8.8	8.	0.038	0.195	8.09	8.5	8.5	8.77
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.437	8.8	8.	0.04	0.201	8.09	8.5	8.5	8.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.003	0.009
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12	33.	52.833	240.	4.	4254.697	65.228	5.2	8.	76.75	191.7
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12	1.519	1.452	2.38	0.602	0.283	0.532	0.692	0.903	1.884	2.235
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.297								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	12	6.	16.083	79.	1.	525.174	22.917	1.	2.	29.	65.2
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	12	0.772	0.826	1.898	0.	0.384	0.62	0.	0.301	1.446	1.784
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.701								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	6.	16.083	79.	1.	525.174	22.917	1.	2.	29.	65.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	0.772	0.826	1.898	0.	0.384	0.62	0.	0.301	1.446	1.784
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.701								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	12	24.	23.542	30.	14.	25.43	5.043	14.75	20.	28.	29.7
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	10	8.	8.	15.	0.	14.444	3.801	0.5	7.25	10.	14.5
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	11	8.5	8.536	8.7	8.3	0.015	0.121	8.34	8.5	8.7	8.7
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	11	8.5	8.521	8.7	8.3	0.015	0.122	8.34	8.5	8.7	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	11	0.003	0.003	0.005	0.002	0.	0.001	0.002	0.002	0.003	0.005
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12	87.	290.25	2400.	1.	452880.386	672.964	1.3	4.25	207.5	1785.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12	1.938	1.624	3.38	0.	1.073	1.036	0.09	0.486	2.314	3.129
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			42.102								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	11	11.	164.091	1600.	1.	227422.291	476.888	1.	2.	49.	1295.8
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	11	1.041	1.083	3.204	0.	0.96	0.98	0.	0.301	1.69	2.943
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			12.118								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	11.	164.091	1600.	1.	227422.291	476.888	1.	2.	49.	1295.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	1.041	1.083	3.204	0.	0.96	0.98	0.	0.301	1.69	2.943
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.118								

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

Annual Analysis for 1975 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	11	23.	22.545	29.	13.	33.073	5.751	13.6	18.	28.	28.8
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	11	8.	8.727	17.	5.	11.818	3.438	5.	5.	10.	15.6
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	11	8.5	8.455	8.7	8.	0.031	0.175	8.06	8.5	8.5	8.66
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	11	8.5	8.415	8.7	8.	0.032	0.18	8.06	8.5	8.5	8.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	11	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.003	0.009
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	11	23.	167.182	920.	1.	89252.164	298.751	1.6	4.	240.	844.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	11	1.362	1.458	2.964	0.	0.867	0.931	0.12	0.602	2.38	2.918
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.711								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	11	13.	121.545	920.	1.	75463.073	274.705	1.2	2.	110.	784.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	11	1.114	1.181	2.964	0.	0.891	0.944	0.06	0.301	2.041	2.847
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			15.182								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	13.	121.545	920.	1.	75463.073	274.705	1.2	2.	110.	784.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	1.114	1.181	2.964	0.	0.891	0.944	0.06	0.301	2.041	2.847
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.182								

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

Annual Analysis for 1976 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	12	22.	21.958	28.	13.	27.748	5.268	13.3	18.25	27.	28.
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	12	9.	10.167	20.	3.	22.152	4.707	3.6	8.	14.25	18.5
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.5	8.7	8.3	0.015	0.121	8.3	8.5	8.5	8.7
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.485	8.7	8.3	0.015	0.122	8.3	8.5	8.5	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.003	0.003	0.005	0.002	0.	0.001	0.002	0.003	0.003	0.005
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	10	13.	13.3	33.	1.	129.344	11.373	1.	1.	24.	32.4
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	10	1.114	0.853	1.519	0.	0.382	0.618	0.	0.	1.379	1.51
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.13								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10	2.	3.5	8.	1.	7.833	2.799	1.	1.	5.75	8.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10	0.301	0.411	0.903	0.	0.133	0.364	0.	0.	0.75	0.903
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.575								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	12	23.	22.167	30.	14.	39.242	6.264	14.	15.	28.	29.7
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	12	6.	7.333	18.	0.	22.061	4.697	1.2	4.	10.	16.2
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.45	8.7	8.	0.057	0.239	8.	8.35	8.65	8.7
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.38	8.7	8.	0.063	0.25	8.	8.35	8.65	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.003	0.004	0.01	0.002	0.	0.003	0.002	0.002	0.005	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12	31.	183.333	1600.	1.	203103.152	450.67	1.3	2.75	155.	1171.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12	1.402	1.38	3.204	0.	0.956	0.978	0.09	0.401	2.183	2.912
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.987								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	4.5	52.	540.	1.	23715.091	153.997	1.	1.25	18.5	387.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	0.651	0.758	2.732	0.	0.637	0.798	0.	0.075	1.233	2.368
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.731								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	12	23.75	22.417	30.	8.	48.265	6.947	9.5	18.125	28.75	29.85
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	12	6.	6.167	14.	0.	17.788	4.218	0.	4.	9.	13.4
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.508	8.7	8.2	0.015	0.124	8.29	8.5	8.5	8.7
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.491	8.7	8.2	0.016	0.125	8.29	8.5	8.5	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.003	0.003	0.006	0.002	0.	0.001	0.002	0.003	0.003	0.005
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12	64.	147.583	920.	7.	64517.538	254.003	8.8	36.25	124.75	728.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12	1.794	1.812	2.964	0.845	0.312	0.559	0.926	1.555	2.084	2.809
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			64.854								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	13.	37.417	240.	2.	4471.174	66.867	2.6	8.25	41.	189.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	1.114	1.191	2.38	0.301	0.31	0.557	0.391	0.916	1.575	2.22
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.517								

** - 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 1979 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	12	23.5	22.167	30.5	10.5	38.697	6.221	11.55	17.125	27.	29.75
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	9	8.	6.778	15.	0.	23.944	4.893	0.	2.	10.	15.
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.5	8.5	8.5	0.	0.	8.5	8.5	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.5	8.5	8.5	8.5	0.	0.	8.5	8.5	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12	230.	657.417	2400.	5.	859063.174	926.857	6.8	22.	1335.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12	2.293	2.179	3.38	0.699	0.863	0.929	0.802	1.342	3.086	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			151.046								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	34.5	156.083	920.	2.	71029.902	266.514	2.	11.5	242.5	749.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	1.512	1.582	2.964	0.301	0.722	0.849	0.301	1.06	2.364	2.838
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			38.157								

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Annual Analysis for 1980 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	10	22.5	22.2	31.	12.5	39.622	6.295	12.55	17.875	28.625	30.8
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	10	6.	5.4	10.	0.	11.6	3.406	0.	3.	8.	9.8
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	10	8.25	8.253	8.5	7.57	0.083	0.289	7.623	8.145	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	10	8.247	8.142	8.5	7.57	0.097	0.311	7.623	8.145	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	10	0.006	0.007	0.027	0.003	0.	0.007	0.003	0.003	0.007	0.025
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	9	17.	107.222	540.	2.	31198.444	176.631	2.	7.5	149.5	540.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	9	1.23	1.474	2.732	0.301	0.623	0.789	0.301	0.874	2.12	2.732
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.767								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10	5.	70.9	540.	1.	27833.211	166.833	1.1	2.	56.5	493.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10	0.699	1.034	2.732	0.	0.736	0.858	0.03	0.301	1.742	2.649
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.818								

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Annual Analysis for 1981 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	12	25.	22.875	31.5	11.	52.551	7.249	11.3	16.125	29.375	31.2
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	12	8.	7.083	15.	0.	20.447	4.522	0.	4.25	10.	13.5
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.28	8.29	8.88	7.93	0.069	0.262	7.963	8.063	8.455	8.766
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.28	8.227	8.88	7.93	0.073	0.271	7.963	8.063	8.455	8.766
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.005	0.006	0.012	0.001	0.	0.003	0.002	0.004	0.009	0.011
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	12	20.5	225.333	2400.	2.	469869.879	685.471	3.5	8.	45.	1713.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	12	1.312	1.403	3.38	0.301	0.596	0.772	0.464	0.903	1.647	2.979
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.304								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	3.5	86.5	920.	1.	69270.273	263.192	1.	2.	14.75	665.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	12	0.5	0.812	2.964	0.	0.751	0.867	0.	0.301	1.149	2.628
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.492								

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Annual Analysis for 1982 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	10	25.5	25.	30.	19.	13.778	3.712	19.2	21.75	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	10	6.	6.	10.	0.	8.889	2.981	0.4	4.	8.5	10.
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	10	8.05	8.056	8.51	7.5	0.078	0.279	7.533	7.883	8.248	8.489
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	10	8.05	7.969	8.51	7.5	0.086	0.294	7.533	7.882	8.247	8.489
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	10	0.009	0.011	0.032	0.003	0.	0.008	0.003	0.006	0.013	0.03
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	10	41.	449.	2400.	5.	605945.778	778.425	5.2	19.	920.	2252.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	10	1.604	1.883	3.38	0.699	0.866	0.931	0.714	1.233	2.964	3.339
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			76.303								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10	19.5	25.3	70.	1.	535.122	23.133	1.1	4.25	46.	67.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10	1.264	1.126	1.845	0.	0.385	0.621	0.03	0.599	1.663	1.827
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.364								

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Annual Analysis for 1983 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	12	0.	0.083	1.	0.	0.083	0.289	0.	0.	0.	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	12	21.5	22.083	30.	15.	24.265	4.926	15.3	17.5	26.75	29.1
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	12	7.	6.	10.	0.	13.091	3.618	0.	4.	9.5	10.
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.135	8.145	8.5	7.96	0.021	0.145	7.972	8.02	8.218	8.416
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	12	8.135	8.125	8.5	7.96	0.021	0.146	7.972	8.02	8.218	8.416
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	12	0.007	0.007	0.011	0.003	0.	0.002	0.004	0.006	0.01	0.011
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	11	94.	98.364	350.	5.	8668.655	93.106	9.4	33.	110.	308.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	11	1.973	1.809	2.544	0.699	0.229	0.479	0.845	1.519	2.041	2.464
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			64.476								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	22.	34.	94.	5.	813.8	28.527	5.6	13.	49.	89.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	1.342	1.377	1.973	0.699	0.162	0.403	0.74	1.114	1.69	1.948
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.849								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	5	24.	24.8	29.	19.	15.7	3.962	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	4	10.	7.5	10.	0.	25.	5.	**	**	**	**
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	5	8.22	8.198	8.5	7.85	0.071	0.267	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	5	8.22	8.133	8.5	7.85	0.077	0.277	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	5	0.006	0.007	0.014	0.003	0.	0.005	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	5	23.	22.	27.	11.	43.	6.557	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	5	1.362	1.322	1.431	1.041	0.026	0.162	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.973								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	6	5.5	9.833	23.	1.	100.567	10.028	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	6	0.724	0.742	1.362	0.	0.304	0.551	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.521								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	11	24.	23.873	32.	12.	44.622	6.68	12.48	19.	30.3	31.94
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	11	8.	8.636	20.	0.	37.255	6.104	0.4	5.	15.	19.
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	11	8.	8.023	8.15	7.84	0.009	0.095	7.852	7.98	8.11	8.142
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	11	8.	8.013	8.15	7.84	0.009	0.095	7.852	7.98	8.11	8.142
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	11	0.01	0.01	0.014	0.007	0.	0.002	0.007	0.008	0.01	0.014
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	11	17.	17.182	33.	1.	116.164	10.778	1.8	8.	23.	33.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	11	1.23	1.095	1.519	0.	0.202	0.449	0.14	0.903	1.362	1.519
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.455								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	2.	3.818	13.	1.	14.164	3.763	1.	1.	5.	12.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	0.301	0.411	1.114	0.	0.159	0.399	0.	0.	0.699	1.072
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.577								

** - 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 1986 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	10	23.15	23.48	30.5	14.	25.88	5.087	14.5	20.125	28.425	30.33
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	10	5.	6.9	12.	5.	7.433	2.726	5.	5.	10.	11.8
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	10	8.015	7.957	8.28	7.22	0.081	0.285	7.279	7.93	8.098	8.264
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	10	8.015	7.837	8.28	7.22	0.097	0.312	7.279	7.93	8.098	8.264
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	10	0.01	0.015	0.06	0.005	0.	0.016	0.005	0.008	0.012	0.056
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	10	19.5	52.7	240.	2.	6768.456	82.271	2.2	10.75	59.75	233.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	10	1.286	1.304	2.38	0.301	0.4	0.633	0.331	0.986	1.579	2.365
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.128								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10	4.5	8.1	23.	1.	67.211	8.198	1.	1.75	13.75	22.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	10	0.651	0.685	1.362	0.	0.241	0.49	0.	0.226	1.117	1.36
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.845								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0011

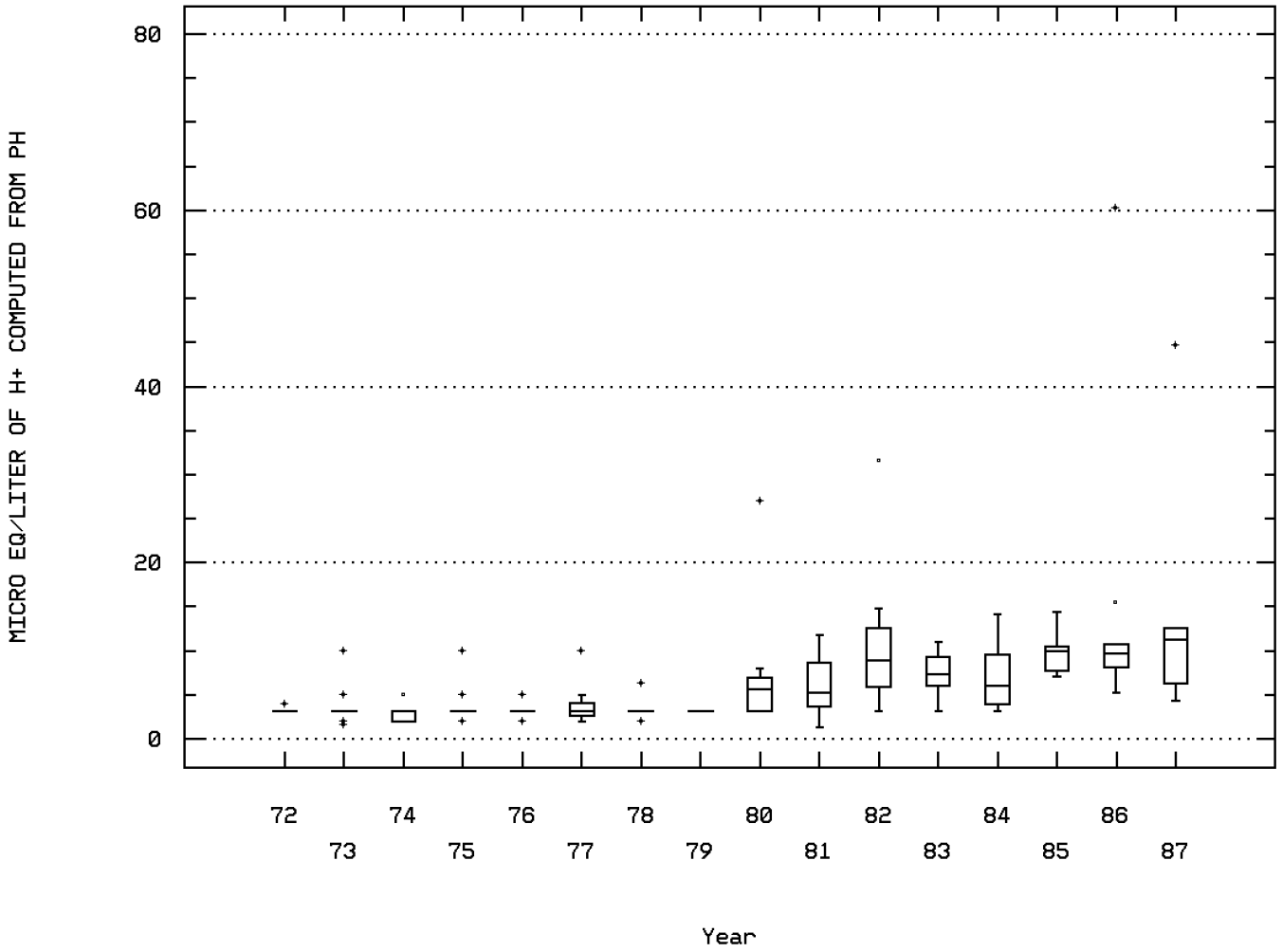
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	11	0.5	0.636	1.	0.	0.105	0.323	0.1	0.5	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	11	22.2	23.636	30.1	17.2	25.177	5.018	17.26	18.5	28.8	30.
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	10	10.	9.51	20.	0.1	30.068	5.483	0.59	5.	11.25	19.5
00400p	PH (STANDARD UNITS)	03/13/72-07/06/87	6	7.95	7.952	8.36	7.35	0.12	0.346	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	6	7.947	7.821	8.36	7.35	0.14	0.374	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	6	0.011	0.015	0.045	0.004	0.	0.015	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	11	27.	219.545	920.	8.	126514.273	355.688	9.	13.	280.	920.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	11	1.431	1.771	2.964	0.903	0.553	0.744	0.945	1.114	2.447	2.964
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			58.977								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	14.	69.818	540.	5.	25015.164	158.162	5.	8.	46.	450.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	11	1.146	1.297	2.732	0.699	0.379	0.616	0.699	0.903	1.663	2.581
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.818								

** - 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 box-and-whisker plot

Station: DESO0011 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH

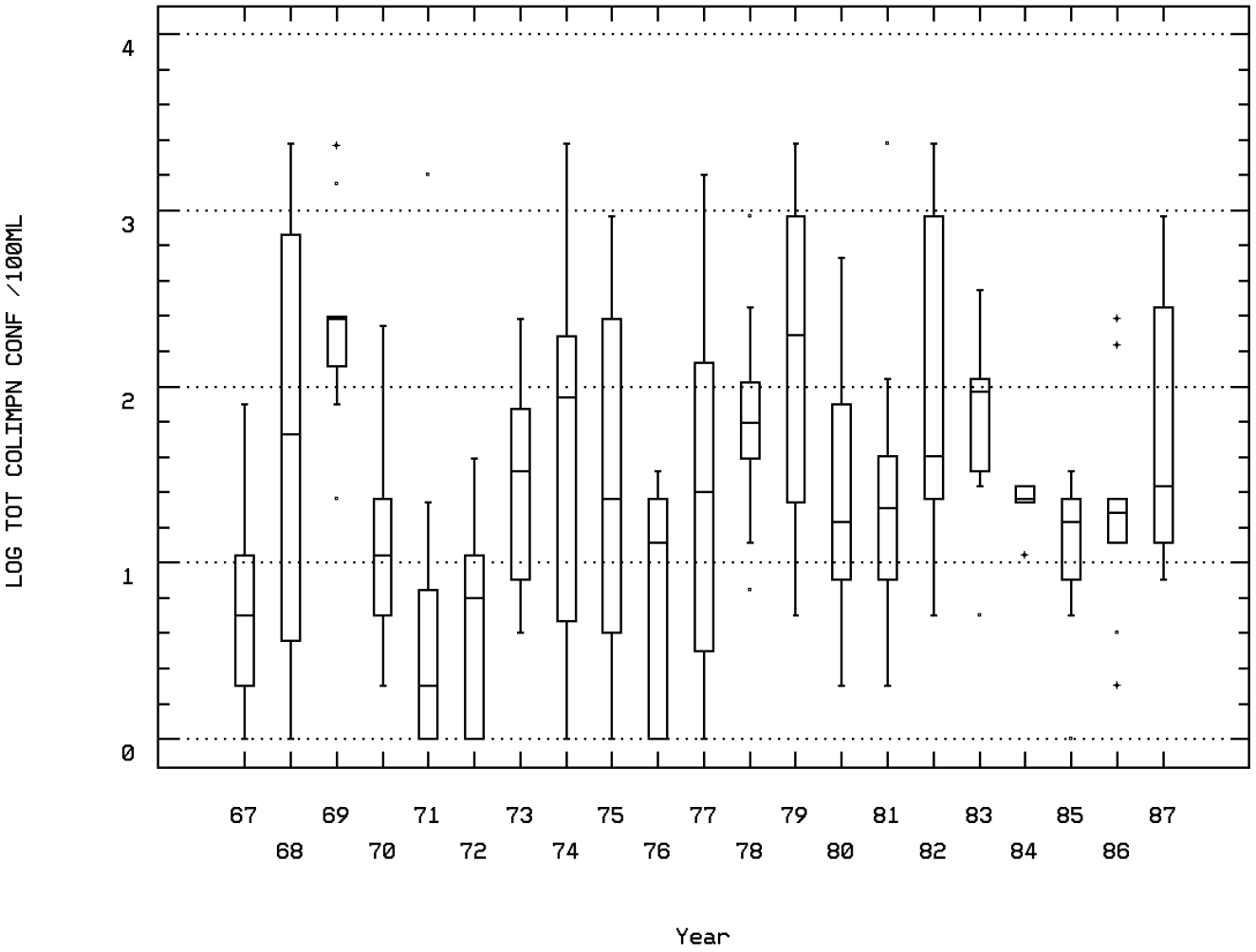
(X 0.001)



WTC-1 TERRA CEIA BAY

Station: DESO0011 Parameter Code: 31505

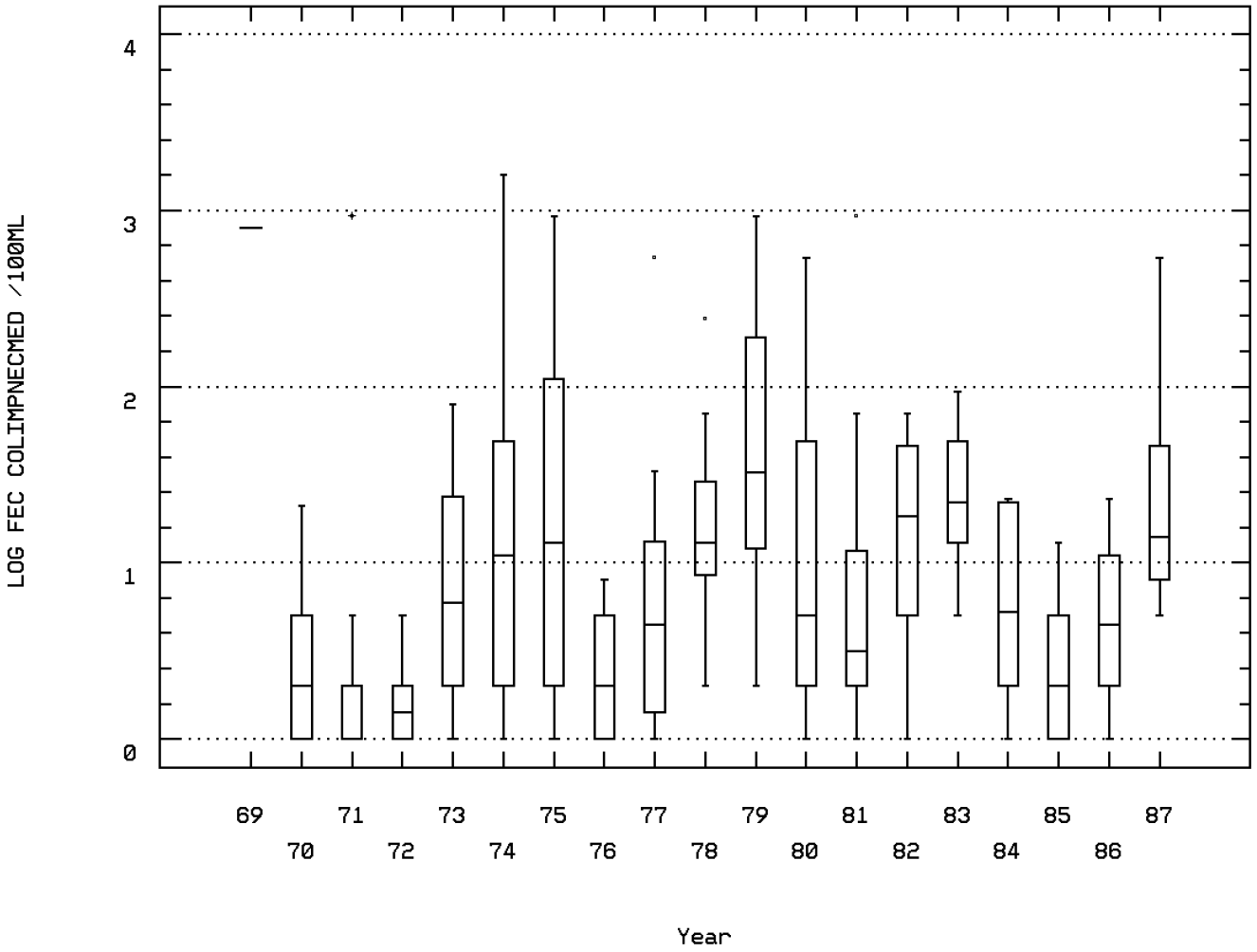
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



WTC-1 TERRA CEIA BAY

Station: DESO0011 Parameter Code: 31615

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



WTC-1 TERRA CEIA BAY

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	53	0.	0.038	1.	0.	0.027	0.166	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	42	28.	27.612	31.7	23.5	3.757	1.938	24.3	26.575	29.	29.88
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	39	8.	7.282	20.	0.	17.366	4.167	0.	5.	10.	10.
00400	PH (STANDARD UNITS)	03/13/72-07/06/87	40	8.5	8.339	8.88	7.5	0.089	0.299	7.982	8.102	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	40	8.5	8.225	8.88	7.5	0.103	0.321	7.982	8.102	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	40	0.003	0.006	0.032	0.001	0.	0.005	0.002	0.003	0.008	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	52	36.	336.481	2400.	1.	409082.49	639.596	4.9	11.5	235.	1396.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	52	1.555	1.749	3.38	0.	0.787	0.887	0.675	1.06	2.371	3.132
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			56.162								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	13	17.	163.231	920.	1.	113900.859	337.492	1.4	2.	94.5	920.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	13	1.23	1.248	2.964	0.	1.018	1.009	0.12	0.301	1.97	2.964
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			17.697								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	44	15.5	106.682	920.	1.	58607.757	242.09	2.	2.	71.5	410.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	44	1.188	1.2	2.964	0.	0.744	0.862	0.301	0.301	1.846	2.59
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.867								

** - 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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	108	0.	0.042	1.	0.	0.033	0.182	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	88	19.	18.535	26.1	8.	15.768	3.971	12.95	15.	21.975	23.
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	82	8.	7.928	20.	0.	21.284	4.613	0.03	5.	10.	15.
00400	PH (STANDARD UNITS)	03/13/72-07/06/87	85	8.5	8.313	8.7	7.22	0.08	0.283	7.966	8.15	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	85	8.5	8.185	8.7	7.22	0.096	0.311	7.966	8.15	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	85	0.003	0.007	0.06	0.002	0.	0.008	0.003	0.003	0.007	0.011
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	106	22.5	164.302	2400.	1.	202351.165	449.835	2.	8.	82.75	301.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	106	1.352	1.412	3.38	0.	0.658	0.811	0.301	0.903	1.917	2.476
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.799								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	30	4.	42.667	790.	1.	21947.954	148.148	1.	2.	9.25	74.4
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	30	0.602	0.723	2.898	0.	0.516	0.718	0.	0.301	0.956	1.86
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.288								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	96	5.	48.313	920.	1.	21796.659	147.637	1.	2.	20.75	72.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	96	0.699	0.898	2.964	0.	0.511	0.715	0.	0.301	1.314	1.861
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.914								

** - 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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	57	0.	0.044	1.	0.	0.038	0.196	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-12/07/87	43	28.	27.549	32.	21.	6.474	2.544	24.	26.	30.	30.5
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	37	6.	6.324	15.	0.	16.003	4.	0.	4.	10.	10.4
00400	PH (STANDARD UNITS)	03/13/72-07/06/87	43	8.5	8.32	8.7	7.85	0.067	0.258	8.	8.07	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-07/06/87	43	8.5	8.246	8.7	7.85	0.072	0.269	8.	8.07	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-07/06/87	43	0.003	0.006	0.014	0.002	0.	0.003	0.002	0.003	0.009	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	55	13.	95.236	2400.	1.	107101.221	327.263	1.	2.	79.	228.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	55	1.114	1.17	3.38	0.	0.709	0.842	0.	0.301	1.898	2.358
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.807								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	16 ##	1.	106.688	1600.	1.	158738.763	398.42	1.	1.	14.5	514.3
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	16 ##	0.	0.556	3.204	0.	0.822	0.907	0.	0.	1.134	2.144
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.597								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	46	3.5	45.261	1600.	1.	55150.642	234.842	1.	1.	14.75	46.

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

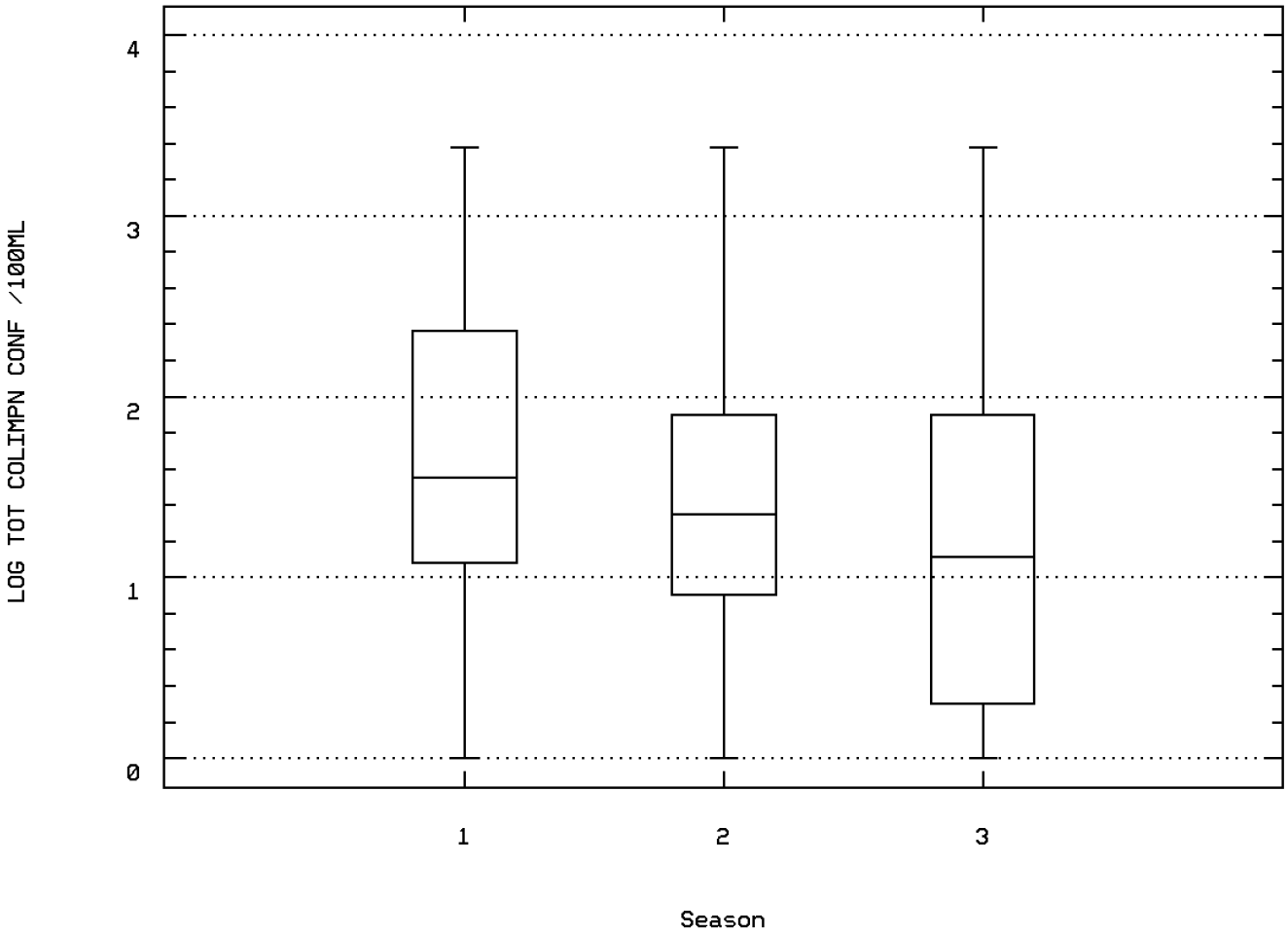
Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	46	0.5	0.67	3.204	0.	0.513	0.716	0.	0.	1.167	1.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.677								

** - Less than 9 observations ## - Computed 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: DESO0011 Parameter Code: 31505

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



WTC-1 TERRA CEIA BAY

Station Inventory for Station: DESO0012

NPS Station ID: DESO0012
LAT/LON: 27.527309/ -82.609559
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP North Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 430
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100202
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/28/95-10/13/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/28/95-10/13/98	12	22.	23.167	32.	13.	34.152	5.844	14.5	18.25	28.75	31.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/28/95-10/13/98	12	1.25	1.25	2.	0.5	0.159	0.399	0.65	1.	1.5	1.85
00080	COLOR (PLATINUM-COBALT UNITS)	12/28/95-10/13/98	12	20.	25.833	50.	10.	135.606	11.645	13.	20.	37.5	47.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/28/95-10/13/98	12	41600.	38843.333	46000.	22500.	46549442.424	6822.715	25110.	35490.	43800.	45550.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/28/95-10/13/98	12	7.6	7.35	9.4	5.3	1.763	1.328	5.39	6.025	8.2	9.28
00400	PH (STANDARD UNITS)	12/28/95-10/13/98	12	8.1	8.142	8.2	8.1	0.003	0.051	8.1	8.1	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	12/28/95-10/13/98	12	8.1	8.139	8.2	8.1	0.003	0.052	8.1	8.1	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/28/95-10/13/98	12	0.008	0.007	0.008	0.006	0.	0.001	0.006	0.006	0.008	0.008
00480	SALINITY - PARTS PER THOUSAND	12/28/95-10/13/98	12	26.	25.167	31.	14.	23.606	4.859	15.5	23.25	28.75	30.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/28/95-10/13/98	12	22.	21.917	45.	6.	141.356	11.889	6.6	11.5	30.	42.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/28/95-10/13/98	10 ##	0.005	0.062	0.455	0.005	0.02	0.14	0.005	0.005	0.056	0.417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/28/95-10/13/98	12	0.025	0.036	0.12	0.01	0.001	0.029	0.013	0.02	0.048	0.099
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/28/95-10/13/98	12	0.651	0.66	1.1	0.363	0.043	0.208	0.396	0.502	0.802	1.038
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	12/28/95-10/13/98	12	0.02	0.027	0.1	0.005	0.001	0.025	0.005	0.013	0.03	0.082
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/28/95-10/13/98	12	0.22	0.246	0.401	0.173	0.006	0.08	0.174	0.178	0.283	0.399
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/28/95-10/13/98	12	8.45	8.292	15.3	2.5	16.939	4.116	2.86	4.5	11.825	14.82
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	12/28/95-10/13/98	12	2.	1.825	3.	1.	0.249	0.499	1.12	1.5	2.	2.7
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/28/95-10/13/98	12	2.55	3.05	6.6	0.4	2.734	1.653	0.88	2.	4.1	6.09

** - 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

EPA Water Quality Criteria Analysis for Station: DESO0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	0	0.00	1	0	0.00	8	0	0.00	3	0	0.00			
00400	PH	Marine Chronic	8.5	12	0	0.00	1	0	0.00	8	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	1	0	0.00	8	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	1	0	0.00	8	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: DESO0013

NPS Station ID: DESO0013 | LAT/LON: 27.525559/ -82.610282 | Agency: 21FLA | Date Created: 07/16/83
Location: MANATEE R.-TERRA CEIA CUT | FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 24010337
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03100202 | Depth of Water: 4 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: TAMPA BAY AREA | ECO Region:
RF1 Index: 03100202009 | RF1 Mile Point: 3.720 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03100202000801.77 | RF3 Mile Point: 2.65 | Distance from RF3: 0.33 | On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER' RIVER, MANATEE STATION LOCATED AT TERRA CEIA CUT AT BRIDGE

Parameter Inventory for Station: DESO0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/24/83-03/07/84	315	4.	4.486	10.	0.	8.467	2.91	1.	1.	7.	9.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/83-03/07/84	240	27.8	25.454	33.6	14.6	29.764	5.456	16.71	19.7	29.8	31.
00018	TEMP DIFFERENCE BETWEEN SAMPLE AND UPSTREAM PT	08/16/83-08/16/83	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/26/83-06/26/83	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/24/83-03/07/84	81	9.	8.902	11.	1.1	1.856	1.362	7.66	8.3	9.7	10.38
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/83-03/06/84	34	4.	4.56	9.5	2.	3.061	1.75	2.95	3.5	5.125	7.9
00080	COLOR (PLATINUM-COBALT UNITS)	06/28/83-01/18/84	12	24.	36.333	110.	11.	864.606	29.404	11.3	15.25	53.	96.5
00100	TIME OF TRAVEL (HOURS)	08/18/83-08/18/83	1	30.8	30.8	30.8	30.8	0.	0.	**	**	**	**
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	05/24/83-09/21/83	93	207.	383.314	1900.	0.02	217326.178	466.183	6.92	47.	555.	1132.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/83-03/07/84	240	7.2	7.145	11.	3.9	1.713	1.309	5.41	6.225	8.	8.8
00400	PH (STANDARD UNITS)	05/24/83-03/07/84	228	8.2	8.121	8.65	6.2	0.113	0.336	7.75	8.	8.32	8.382
00400	CONVERTED PH (STANDARD UNITS)	05/24/83-03/07/84	228	8.2	7.777	8.65	6.2	0.231	0.481	7.75	8.	8.32	8.382
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/83-03/07/84	228	0.006	0.017	0.631	0.002	0.005	0.069	0.004	0.005	0.01	0.018
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	50	0.6	0.662	3.	0.19	0.165	0.406	0.372	0.468	0.752	0.954
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	50	0.01	0.022	0.11	0.005	0.001	0.024	0.005	0.005	0.03	0.05
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	50	0.006	0.016	0.07	0.001	0.	0.022	0.001	0.003	0.02	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	50	0.181	0.199	0.362	0.121	0.003	0.054	0.142	0.168	0.223	0.286
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	34	16.25	18.318	47.1	5.3	100.315	10.016	6.35	9.55	24.45	31.6
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	50	9.7	12.562	45.	3.2	70.2	8.379	4.16	6.675	17.625	24.82
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	16	4.8	4.925	7.5	3.1	1.681	1.296	3.17	3.825	5.9	6.73
70225	CURRENT SPEED (METERS/SEC)	05/24/83-03/07/84	239	0.2	0.213	0.8	0.	0.019	0.139	0.05	0.1	0.3	0.4
70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/24/83-03/07/84	236	52.5	118.309	345.	0.	8911.227	94.399	30.	40.	215.	226.5
70305	SALINITY BASED ON CONDUCTIVITY	05/24/83-03/07/84	238	27.1	26.22	32.6	11.7	18.95	4.353	20.49	24.175	29.8	31.
80080	BOD, CARBONACEOUS, 1 DAY, 20 DEG C MG/L	05/25/83-03/07/84	49	0.5	0.518	1.9	0.	0.115	0.34	0.2	0.3	0.6	0.9
80081	BOD, CARBONACEOUS, 3 DAY, 20 DEG C MG/L	05/25/83-03/07/84	50	1.	1.128	2.9	0.1	0.388	0.623	0.5	0.675	1.425	2.18
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	50	1.2	1.622	4.4	0.1	0.874	0.935	0.8	1.	2.	3.19
80083	BOD, CARBONACEOUS, 7 DAY, 20 DEG C MG/L	05/25/83-03/07/84	50	1.65	2.026	4.9	0.5	1.048	1.024	0.91	1.4	2.4	3.6
80084	BOD, CARBONACEOUS, 10 DAY, 20 DEG C MG/L	05/25/83-03/07/84	50	2.2	2.482	5.8	0.9	1.44	1.2	1.11	1.6	2.975	4.39
80085	BOD, CARBONACEOUS, 12 DAY, 20 DEG C MG/L	05/25/83-03/07/84	50	2.3	2.648	6.2	1.	1.621	1.273	1.21	1.675	3.225	4.6
80086	BOD, CARBONACEOUS, 15 DAY, 20 DEG C MG/L	05/25/83-03/07/84	49	2.6	2.8	6.5	0.8	1.874	1.369	1.3	1.75	3.45	5.
80087	BOD, CARBONACEOUS, 20 DAY, 20 DEG C MG/L	05/25/83-03/07/84	50	2.95	3.11	7.2	1.1	2.171	1.473	1.41	1.95	3.925	5.47

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

EPA Water Quality Criteria Analysis for Station: DESO0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	240	4	0.02	57	1	0.02	102	0	0.00	81	3	0.04			
00400	PH	Marine Chronic	8.5	228	8	0.04	56	6	0.11	105	2	0.02	67	0	0.00			
		Other-Lo Lim.	6.5	228	3	0.01	56	0	0.00	105	3	0.03	67	0	0.00			

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

Station Inventory for Station: DESO0014

NPS Station ID: DESO0014
LAT/LON: 27.522726/ -82.611420
Agency: 21FLA
Date Created: / /
Location: WN-6 TERRA CEIA BAY ENT
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 24010260
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: TAMPA BAY AREA
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03100206000112.71
RF3 Mile Point: 16.02
Distance from RF3: 0.04
On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER: BAY, TERRA CEIA TERRA CEIA BAY ENTRANCE-SAMPLE PICKED AT GUSS LANDING NEAR 10TH ST AND 30TH AVE IN PALMETTO

Parameter Inventory for Station: DESO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	99	0.	0.04	1.	0.	0.034	0.185	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	92	23.75	23.232	32.	10.	28.361	5.326	16.	19.	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	03/07/73-12/02/87	52	10.	8.538	20.	0.	25.783	5.078	2.	5.	10.	15.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	97	3.4	3.764	12.5	1.	3.733	1.932	1.76	2.5	4.6	6.14
00080p	COLOR (PLATINUM-COBALT UNITS)	06/08/72-12/02/87	56	20.	21.75	80.	3.	230.773	15.191	8.5	10.	25.	45.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	56	35750.	36143.036	50460.	15000.	51360745.162	7166.641	28700.	31000.	41875.	45719.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	97	6.5	6.643	11.3	1.6	2.816	1.678	4.6	5.7	7.75	9.
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	99	2.	2.276	12.	1.	1.551	1.246	1.	2.	3.	3.
00400p	PH (STANDARD UNITS)	01/25/67-06/10/87	95	8.3	8.249	8.7	7.3	0.094	0.307	7.912	8.	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-06/10/87	95	8.3	8.112	8.7	7.3	0.113	0.337	7.912	8.	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-06/10/87	95	0.005	0.008	0.05	0.002	0.	0.009	0.003	0.003	0.01	0.012
00403	PH, LAB, STANDARD UNITS SU	09/06/72-12/02/87	4	8.05	7.85	8.5	6.8	0.577	0.759	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/72-12/02/87	4	7.982	7.341	8.5	6.8	0.922	0.96	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/72-12/02/87	4	0.01	0.046	0.158	0.003	0.006	0.075	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	97	29.8	29.079	37.6	9.7	23.907	4.89	24.04	27.5	31.8	34.92
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	36	0.028	0.071	0.4	0.	0.011	0.106	0.	0.019	0.052	0.28
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	39	1.2	1.692	10.	0.46	2.983	1.727	0.7	0.94	1.7	2.6
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	95	5258.	5210.242	8200.	1600.	1285039.632	1133.596	3711.4	4615.	5882.	6689.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	96	16065.	15803.115	21880.	4499.	8702632.924	2950.023	12240.	14052.5	17927.5	19023.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	56	2.26	2.338	5.2	0.67	0.946	0.972	1.054	1.728	2.815	3.63
00951p	FLUORIDE, TOTAL (MG/L AS F)	03/03/76-12/02/87	42	0.935	1.056	3.85	0.56	0.311	0.558	0.76	0.85	1.01	1.201
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	60	1.04	1.271	16.9	0.148	5.375	2.318	0.192	0.255	1.455	2.1
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/06/72-12/05/78	23	0.1	0.126	0.5	0.	0.023	0.151	0.	0.	0.2	0.36

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

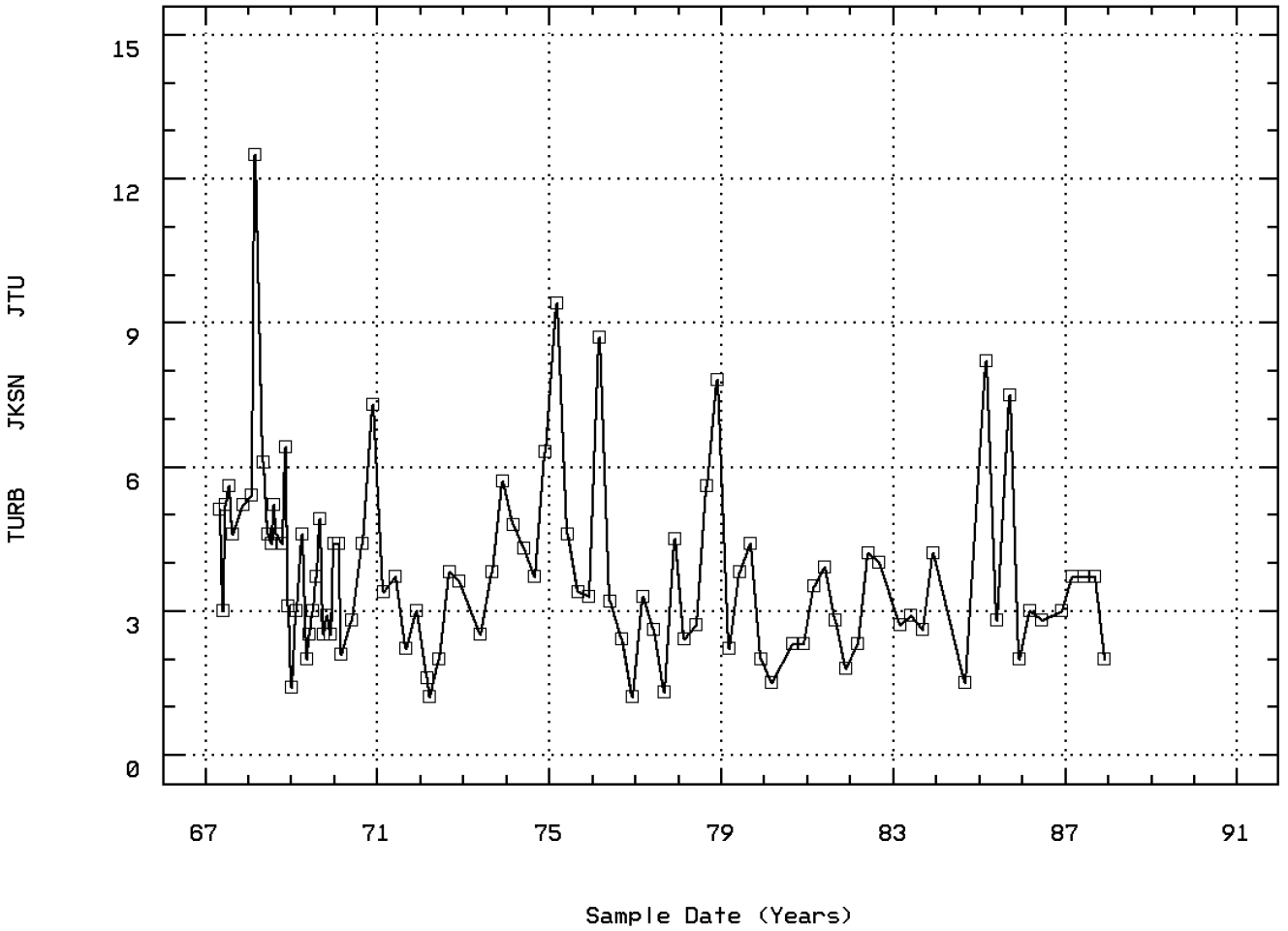
EPA Water Quality Criteria Analysis for Station: DESO0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	97	0	0.00	23	0	0.00	48	0	0.00	26	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	97	7	0.07	23	3	0.13	48	2	0.04	26	2	0.08			
00400	PH	Marine Chronic	8.5	95	36	0.38	21	8	0.38	48	18	0.38	26	10	0.38			
		Other-Lo Lim.	6.5	95	0	0.00	21	0	0.00	48	0	0.00	26	0	0.00			
00403	PH, LAB	Marine Chronic	8.5	4	1	0.25	2	1	0.50	2	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	2	0	0.00						

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

Station: DESO0014 Parameter Code: 00070

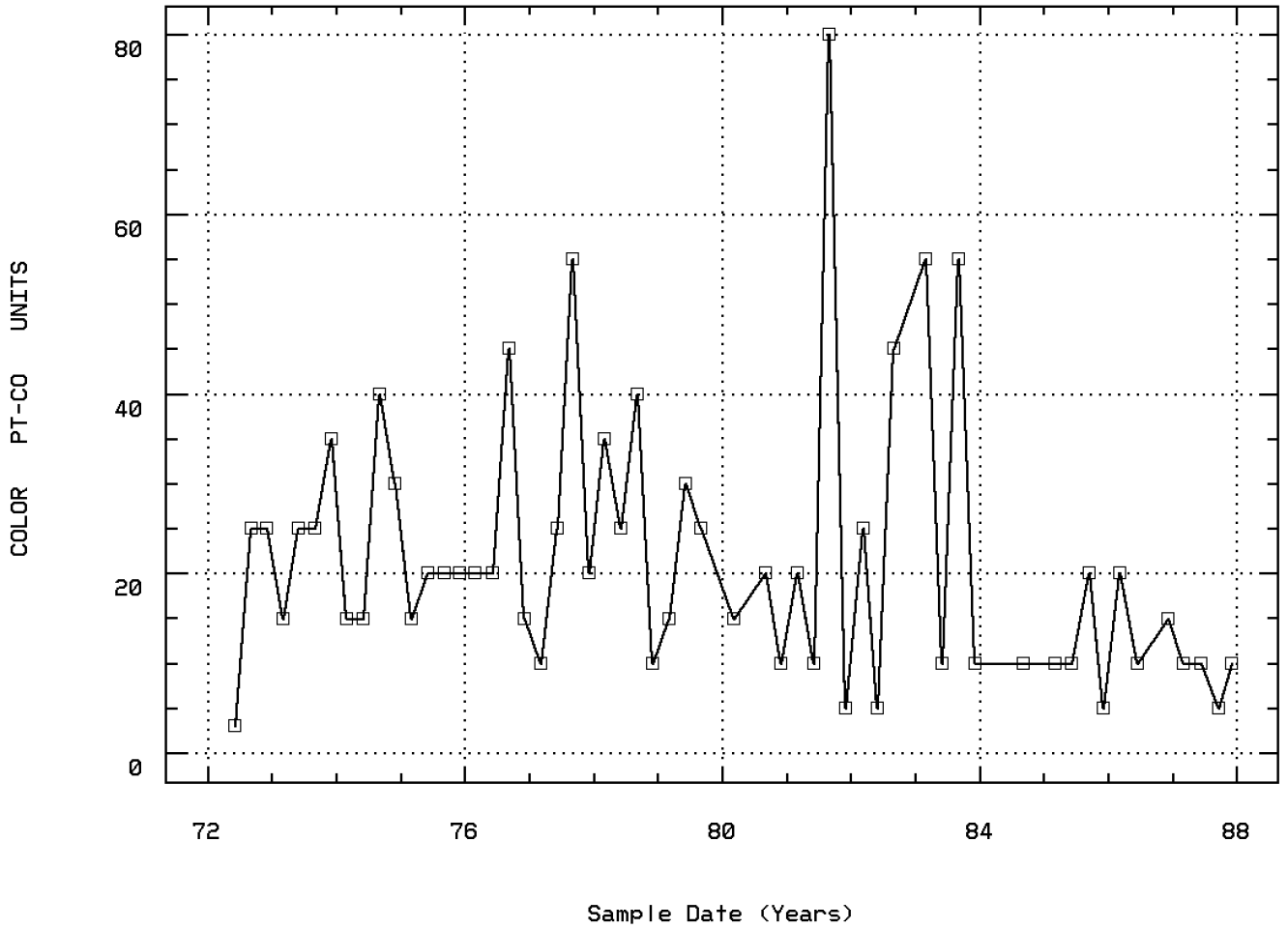
TURBIDITY, (JACKSON CANDLE UNITS)



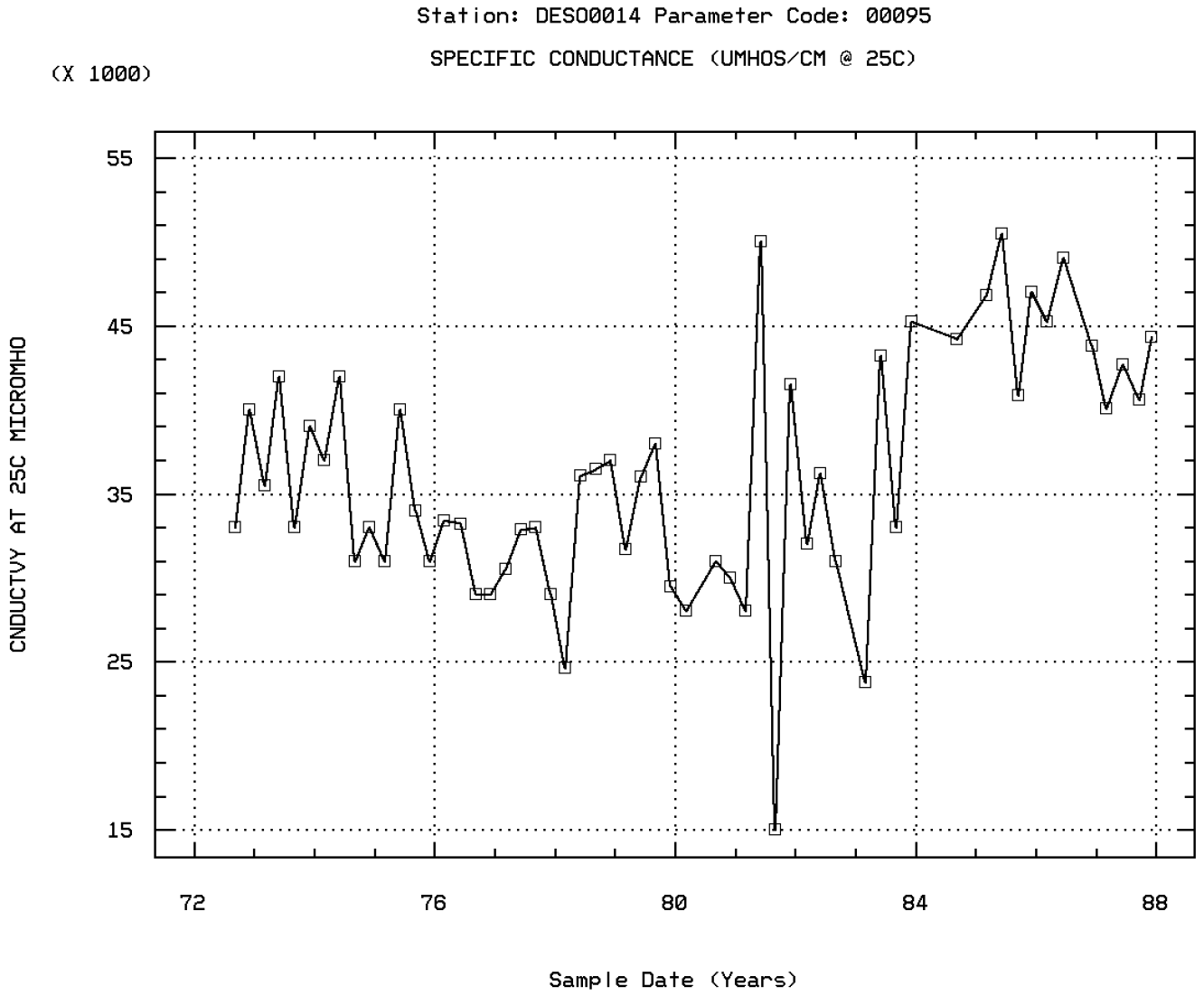
WN-6 TERRA CEIA BAY ENT

Station: DESO0014 Parameter Code: 00080

COLOR (PLATINUM-COBALT UNITS)



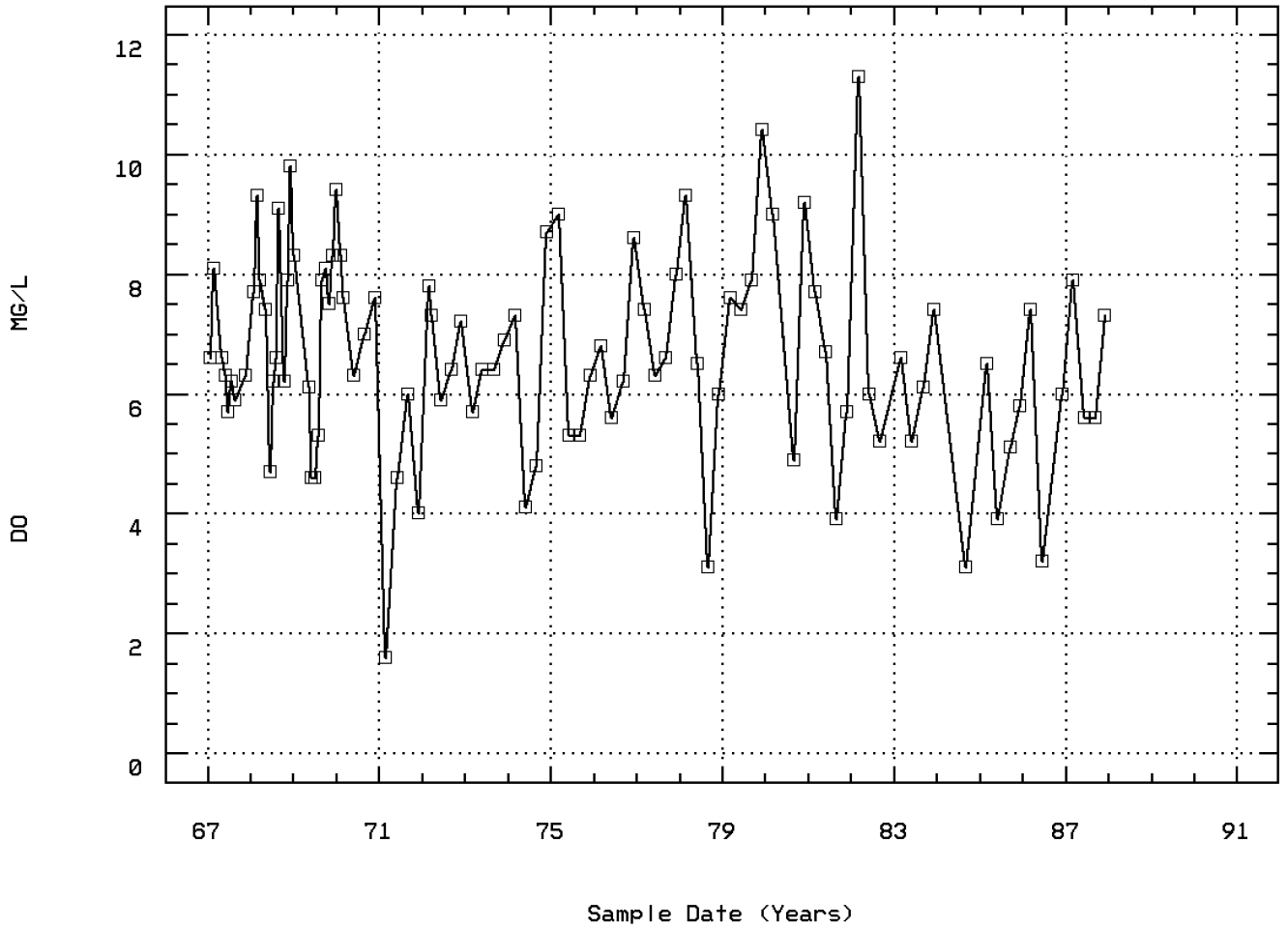
WN-6 TERRA CEIA BAY ENT



WN-6 TERRA CEIA BAY ENT

Station: DES00014 Parameter Code: 00300

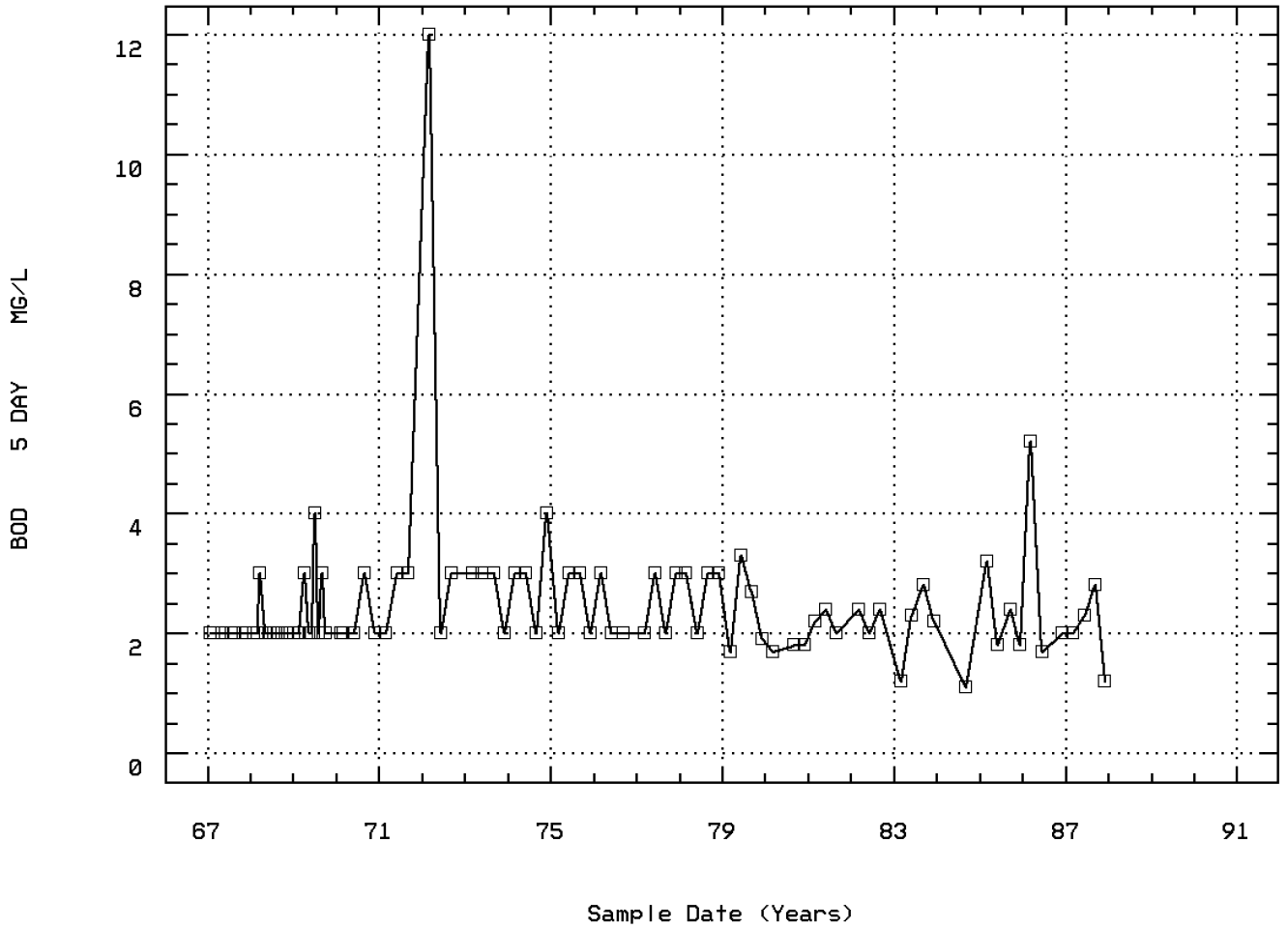
OXYGEN, DISSOLVED



WN-6 TERRA CEIA BAY ENT

Station: DES00014 Parameter Code: 00310

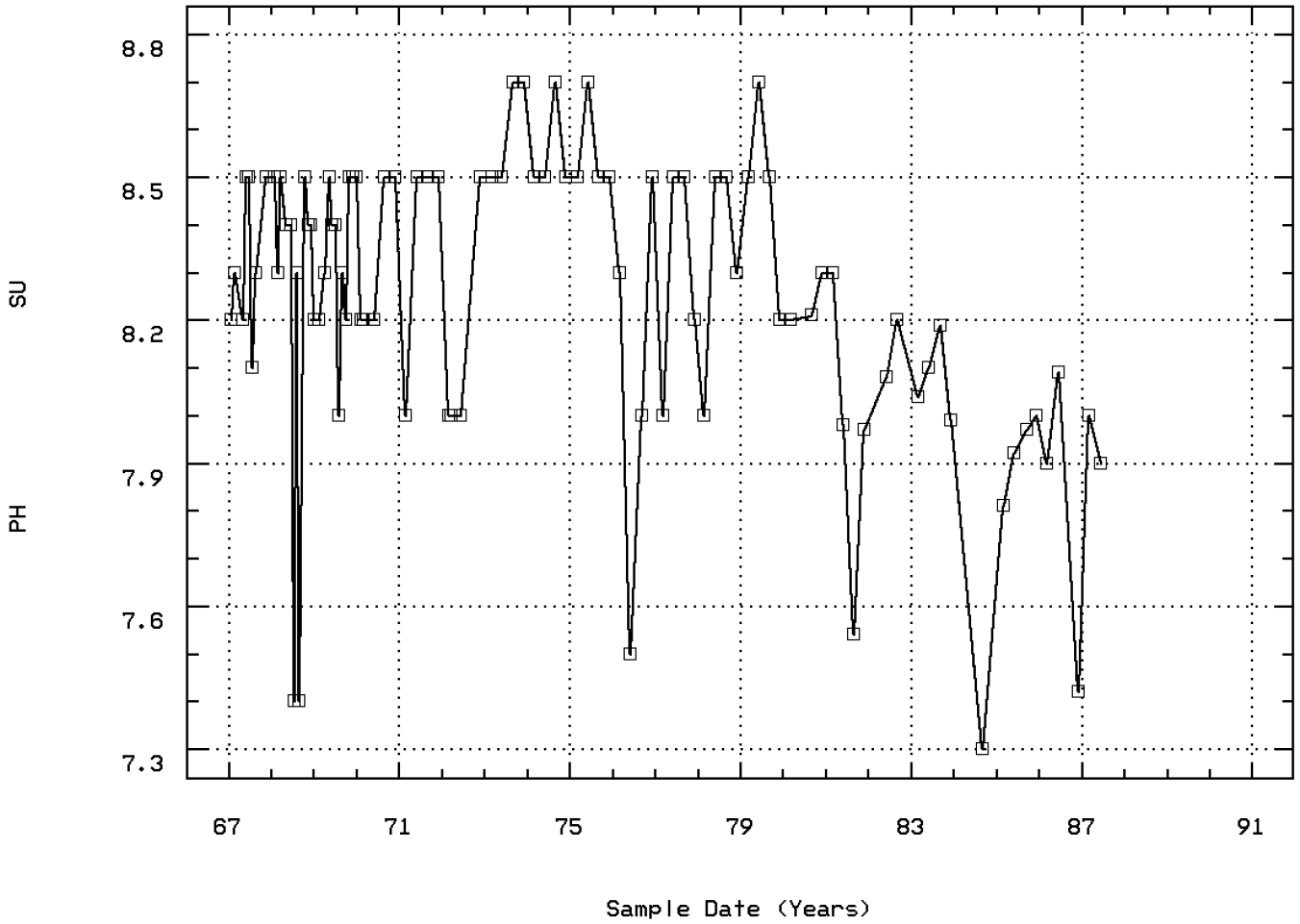
BOD, 5 DAY, 20 DEG C



WN-6 TERRA CEIA BAY ENT

Station: DESO0014 Parameter Code: 00400

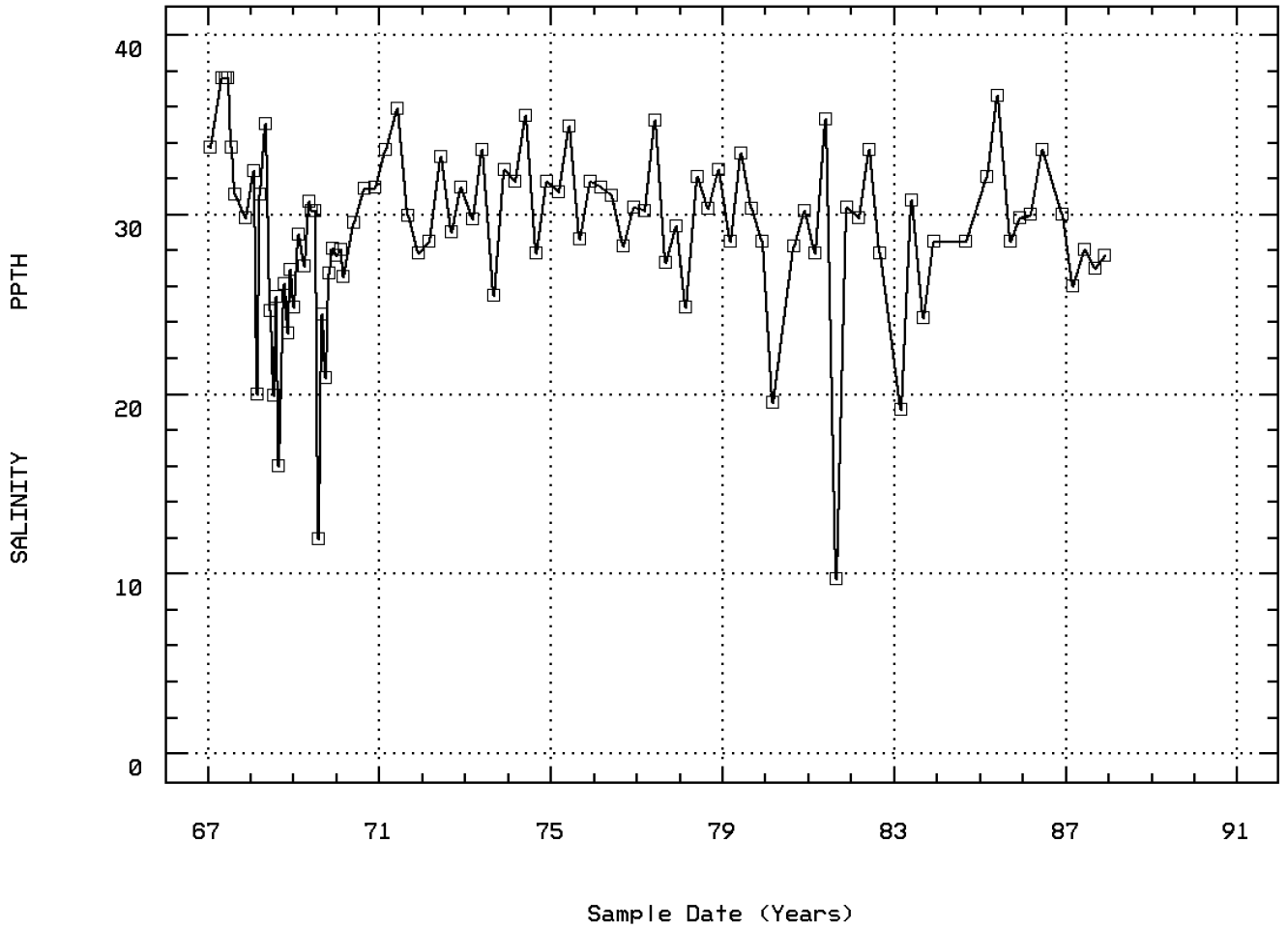
PH (STANDARD UNITS)



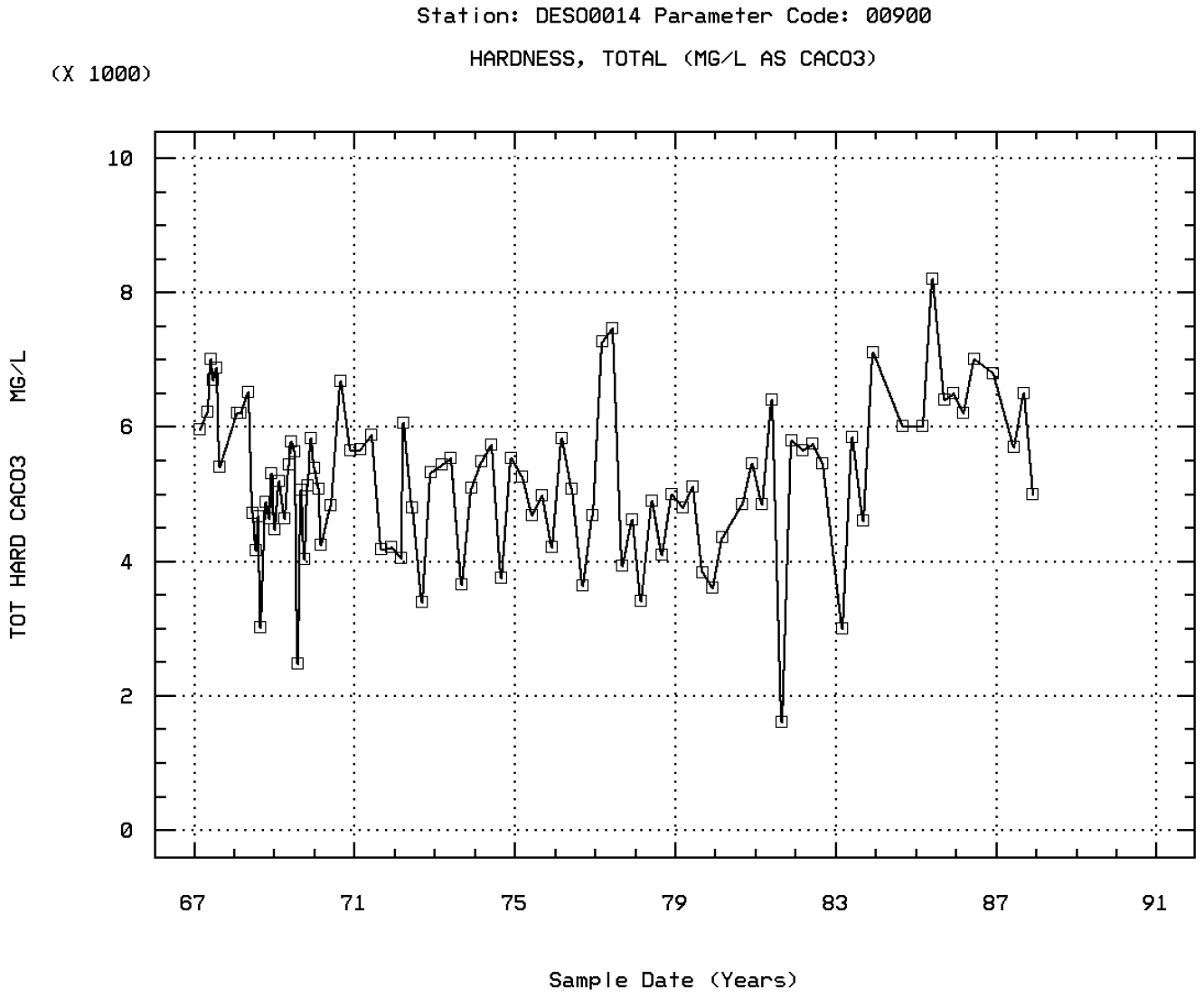
WN-6 TERRA CEIA BAY ENT

Station: DESO0014 Parameter Code: 00480

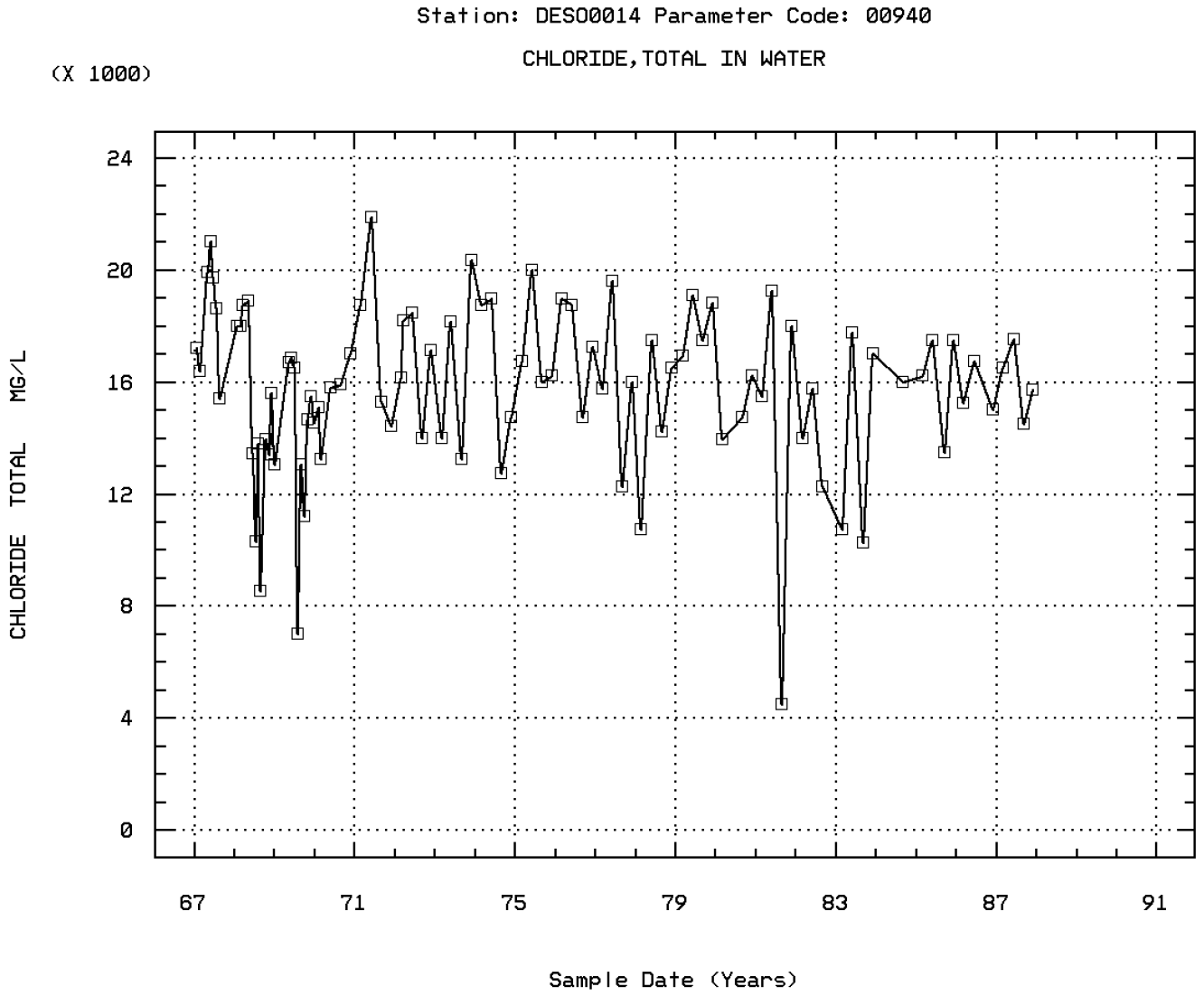
SALINITY - PARTS PER THOUSAND



WN-6 TERRA CEIA BAY ENT



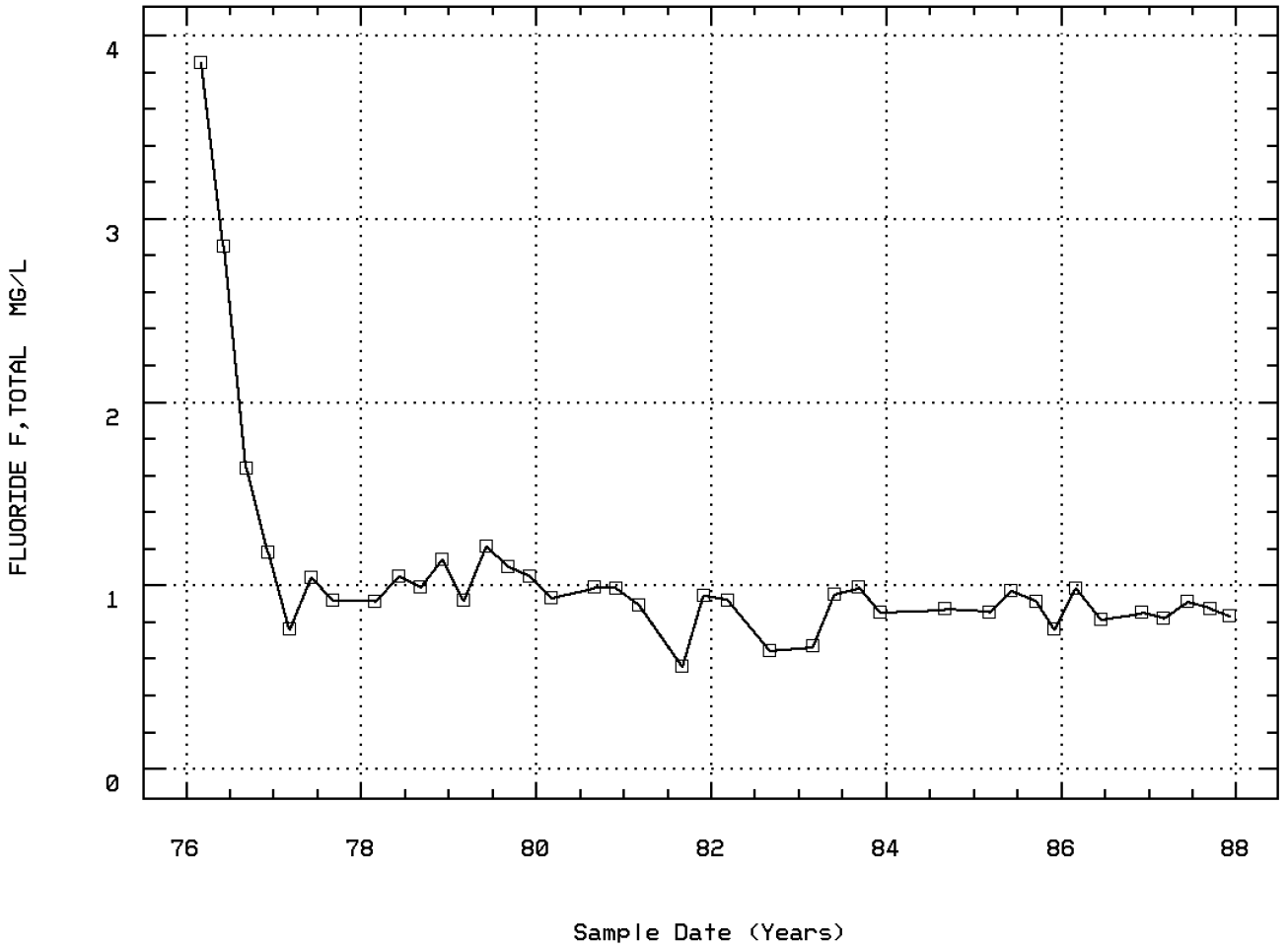
WN-6 TERRA CEIA BAY ENT



WN-6 TERRA CEIA BAY ENT

Station: DESO0014 Parameter Code: 00951

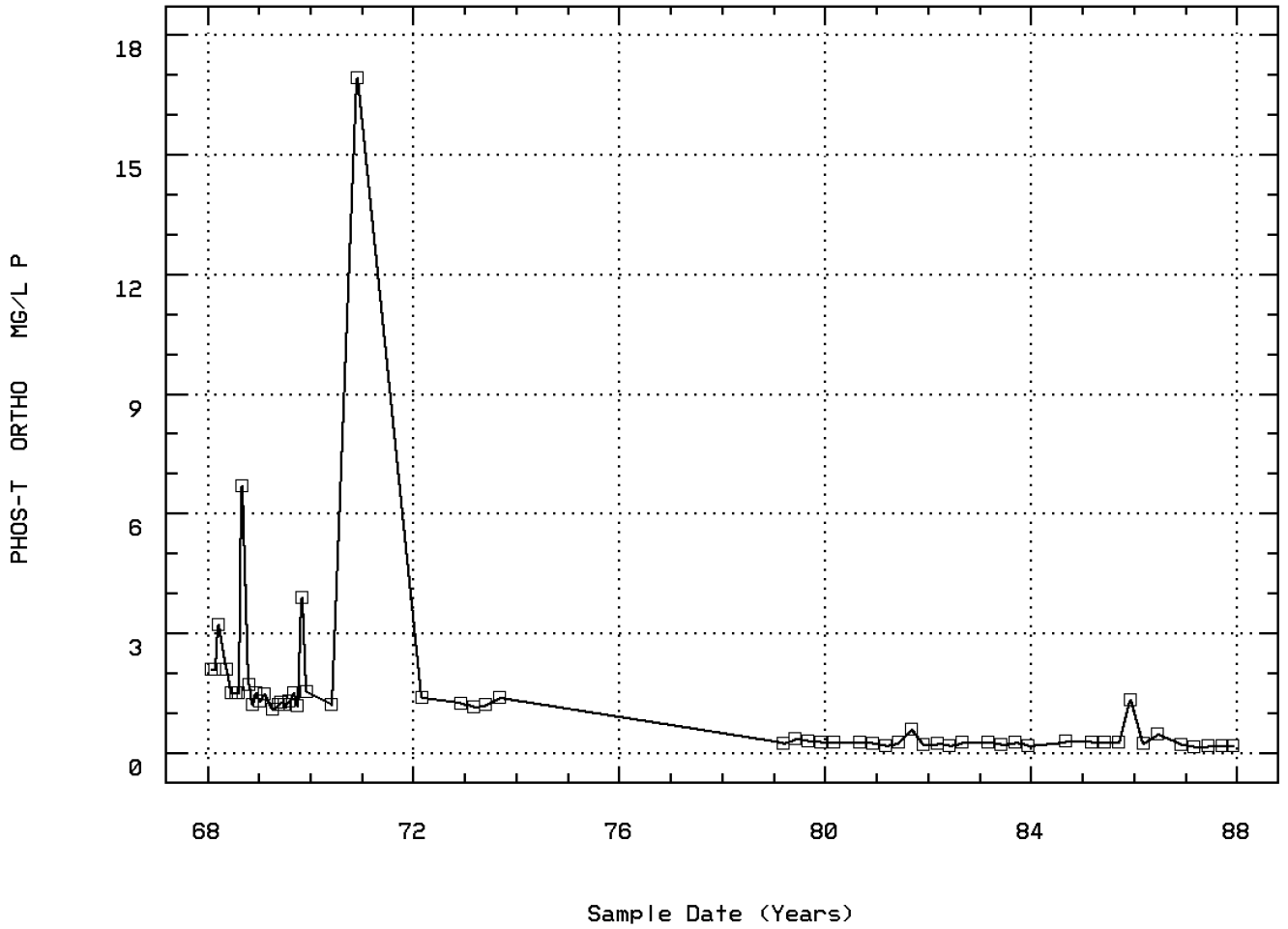
FLUORIDE, TOTAL (MG/L AS F)



WN-6 TERRA CEIA BAY ENT

Station: DESO0014 Parameter Code: 70507

PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



WN-6 TERRA CEIA BAY ENT

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	23	0.	0.022	0.5	0.	0.011	0.104	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	21	28.	27.881	32.	22.	4.273	2.067	24.4	27.25	29.	30.
00035	WIND VELOCITY (MILES PER HOUR)	03/07/73-12/02/87	14	8.	7.143	15.	0.	17.978	4.24	0.	4.5	10.	12.5
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	23	3.7	3.691	7.5	1.3	2.023	1.422	1.78	2.5	4.6	5.44
00080	COLOR (PLATINUM-COBALT UNITS)	06/08/72-12/02/87	15	25.	34.	80.	5.	397.143	19.928	8.	20.	45.	65.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	15	33000.	33545.333	44220.	15000.	45086940.952	6714.681	23400.	31000.	38000.	42204.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	23	6.	5.935	9.1	3.1	2.26	1.503	3.42	5.1	6.6	8.02
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	23	2.4	2.348	3.	1.	0.371	0.609	1.38	2.	3.	3.
00400p	PH (STANDARD UNITS)	01/25/67-06/10/87	21	8.3	8.205	8.7	7.3	0.154	0.393	7.428	8.	8.5	8.66
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-06/10/87	21	8.3	7.994	8.7	7.3	0.201	0.448	7.428	8.	8.5	8.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-06/10/87	21	0.005	0.01	0.05	0.002	0.	0.013	0.002	0.003	0.01	0.038
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	23	27.8	25.735	31.4	9.7	34.081	5.838	13.54	24.4	29.	30.78
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	9	0.03	0.065	0.35	0.	0.012	0.108	0.	0.02	0.049	0.35
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	9	1.38	3.147	10.	0.78	10.387	3.223	0.78	0.93	5.29	10.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	23	4177.	4441.13	6683.	1600.	1645383.028	1282.725	2691.	3652.	5400.	6460.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	23	13770.	13063.87	17470.	4499.	9515378.846	3084.701	7604.6	12240.	15280.	15990.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	12	1.865	2.008	5.2	0.67	1.366	1.169	0.775	1.295	2.375	4.486
00951	FLUORIDE, TOTAL (MG/L AS F)	03/03/76-12/02/87	11	0.92	0.953	1.64	0.56	0.077	0.277	0.576	0.87	0.99	1.532
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	15	0.578	1.133	6.7	0.192	2.64	1.625	0.235	0.267	1.38	3.58
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/06/72-12/05/78	7	0.2	0.143	0.3	0.	0.02	0.14	**	**	**	**

** - 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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	50	0.	0.05	1.	0.	0.043	0.208	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	48	19.	18.829	24.	10.	9.99	3.161	14.9	16.	21.	23.05
00035	WIND VELOCITY (MILES PER HOUR)	03/07/73-12/02/87	26	10.	10.154	20.	0.	34.135	5.843	1.4	5.75	15.	20.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	48	3.2	3.879	12.5	1.	5.982	2.446	1.38	2.125	4.75	7.84
00080	COLOR (PLATINUM-COBALT UNITS)	06/08/72-12/02/87	27	15.	18.148	55.	5.	117.593	10.844	9.	10.	20.	35.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	28	33200.	35250.714	47020.	23800.	48557206.878	6968.3	27660.	29625.	41150.	45413.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	48	7.6	7.51	11.3	1.6	2.568	1.602	5.79	6.6	8.3	9.31
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	50	2.	2.25	12.	1.	2.701	1.643	1.	1.575	2.55	3.
00400p	PH (STANDARD UNITS)	01/25/67-06/10/87	48	8.3	8.267	8.7	7.42	0.063	0.251	7.988	8.01	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-06/10/87	48	8.3	8.182	8.7	7.42	0.07	0.265	7.988	8.01	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-06/10/87	48	0.005	0.007	0.038	0.002	0.	0.006	0.003	0.003	0.01	0.01
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	48	29.5	28.74	33.7	19.1	11.286	3.359	24.66	27.25	31.425	32.41
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	18	0.028	0.076	0.35	0.	0.01	0.1	0.	0.02	0.149	0.26
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	18	1.08	1.23	2.	0.46	0.224	0.473	0.604	0.91	1.665	1.91
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	46	5278.	5237.304	7267.	3000.	822215.772	906.761	4156.8	4638.75	5826.75	6290.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	47	16240.	16003.191	20330.	10740.	4173891.767	2043.01	13350.	14670.	17240.	18732.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	29	2.3	2.368	4.1	0.88	0.879	0.938	1.06	1.735	3.185	3.6
00951	FLUORIDE, TOTAL (MG/L AS F)	03/03/76-12/02/87	21	0.92	1.051	3.85	0.67	0.426	0.653	0.76	0.84	0.99	1.172
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	30	1.12	1.538	16.9	0.148	9.308	3.051	0.19	0.227	1.505	3.09
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/06/72-12/05/78	11	0.1	0.173	0.5	0.	0.028	0.168	0.	0.	0.3	0.48

** - 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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	26	0.	0.038	1.	0.	0.038	0.196	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	23	28.	28.174	31.5	26.	3.627	1.905	26.	27.	30.	31.
00035	WIND VELOCITY (MILES PER HOUR)	03/07/73-12/02/87	12	6.	6.667	10.	2.	8.242	2.871	2.6	4.25	10.	10.

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

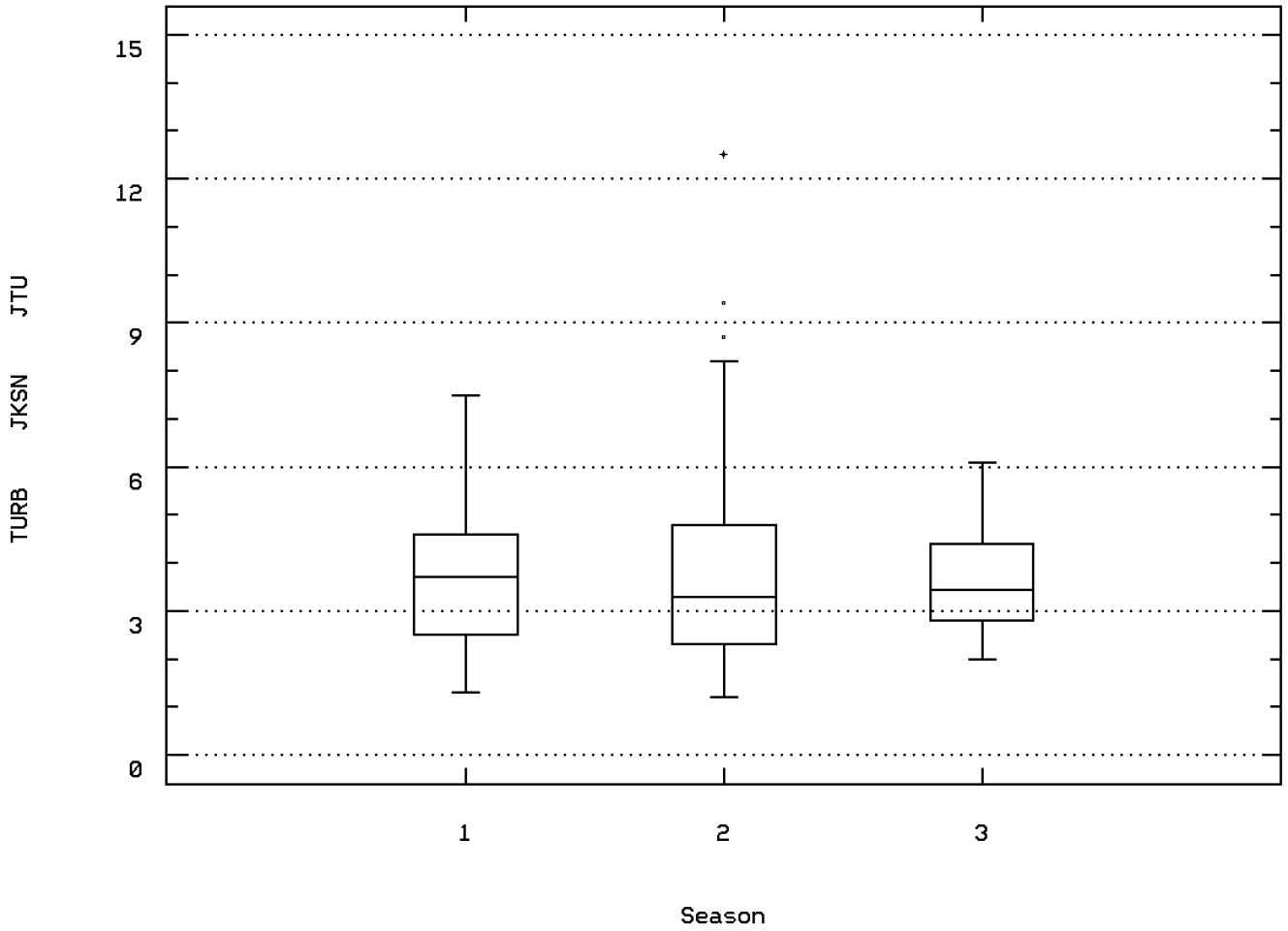
Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	26	3.45	3.615	6.1	2.	1.253	1.12	2.35	2.775	4.45	5.32
00080	COLOR (PLATINUM-COBALT UNITS)	06/08/72-12/02/87	14	12.5	15.571	30.	3.	72.264	8.501	4.	10.	25.	27.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	13	42000.	41062.308	50460.	32900.	37039469.231	6086.006	33020.	36050.	46125.	50276.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	26	5.95	5.669	7.4	3.2	1.107	1.052	4.04	4.675	6.325	6.91
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	26	2.	2.262	4.	1.	0.455	0.675	1.49	2.	3.	3.09
00400p	PH (STANDARD UNITS)	01/25/67-06/10/87	26	8.4	8.249	8.7	7.4	0.11	0.332	7.78	8.06	8.5	8.56
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-06/10/87	26	8.4	8.1	8.7	7.4	0.133	0.365	7.78	8.06	8.5	8.56
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-06/10/87	26	0.004	0.008	0.04	0.002	0.	0.009	0.003	0.003	0.009	0.018
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	26	33.6	32.665	37.6	19.9	16.71	4.088	26.98	30.575	35.35	37.6
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	9	0.03	0.066	0.4	0.	0.016	0.126	0.	0.012	0.047	0.4
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	12	1.37	1.293	1.7	0.62	0.152	0.39	0.644	0.965	1.7	1.7
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	26	5737.5	5842.731	8200.	4151.	942222.285	970.681	4702.2	5025.25	6562.	7138.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	26	18320.	17864.615	21880.	10290.	5618289.846	2370.293	15044.	16727.5	19330.	20293.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	15	2.6	2.545	4.2	0.7	0.742	0.861	1.27	2.	2.8	3.9
00951	FLUORIDE, TOTAL (MG/L AS F)	03/03/76-12/02/87	10	1.	1.179	2.85	0.81	0.355	0.596	0.82	0.94	1.09	2.686
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	15	1.2	0.876	2.1	0.185	0.392	0.626	0.186	0.256	1.26	1.74
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/06/72-12/05/78	5	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Station: DESO0014 Parameter Code: 00070

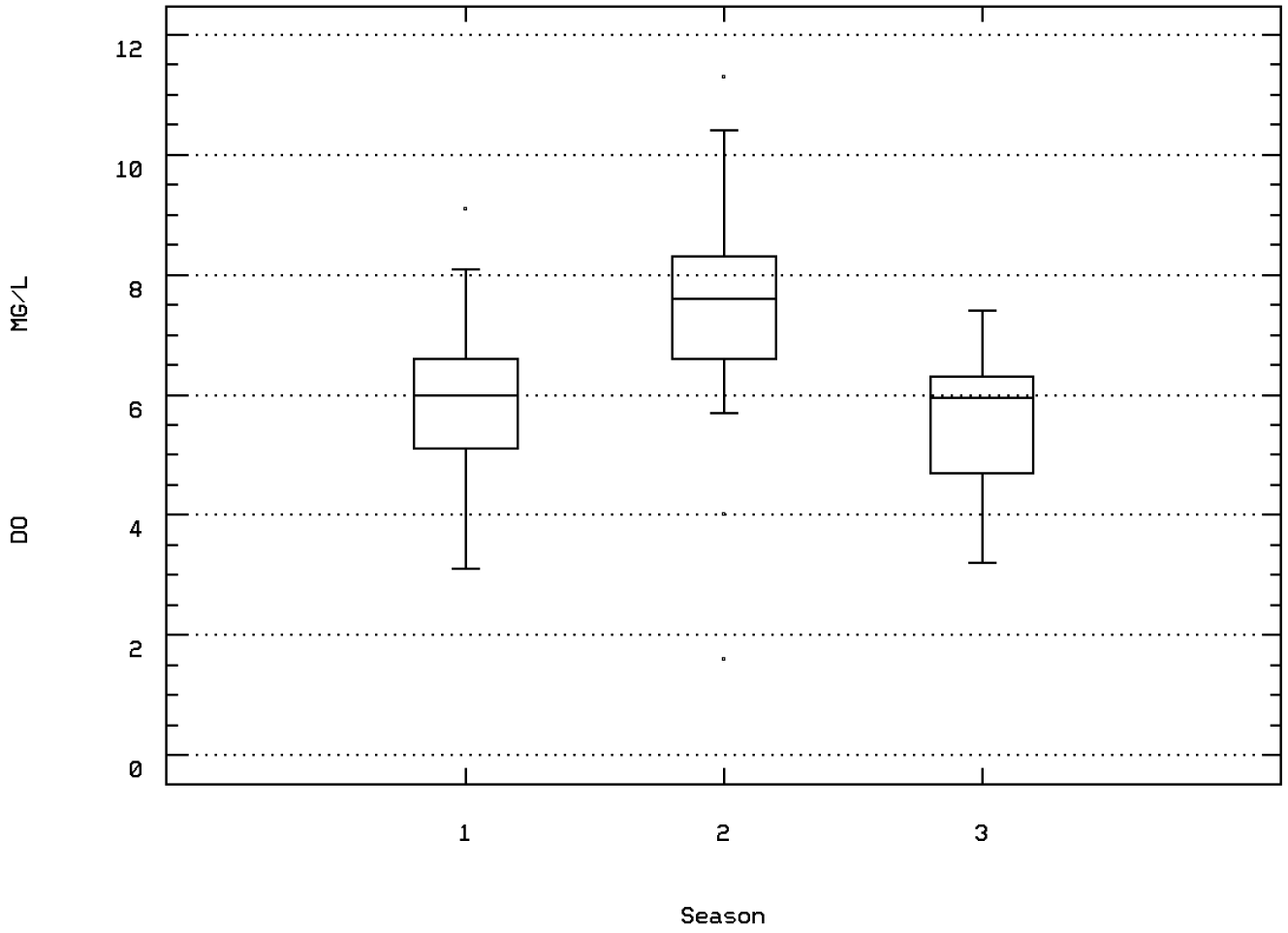
TURBIDITY, (JACKSON CANDLE UNITS)



WN-6 TERRA CEIA BAY ENT

Station: DES00014 Parameter Code: 00300

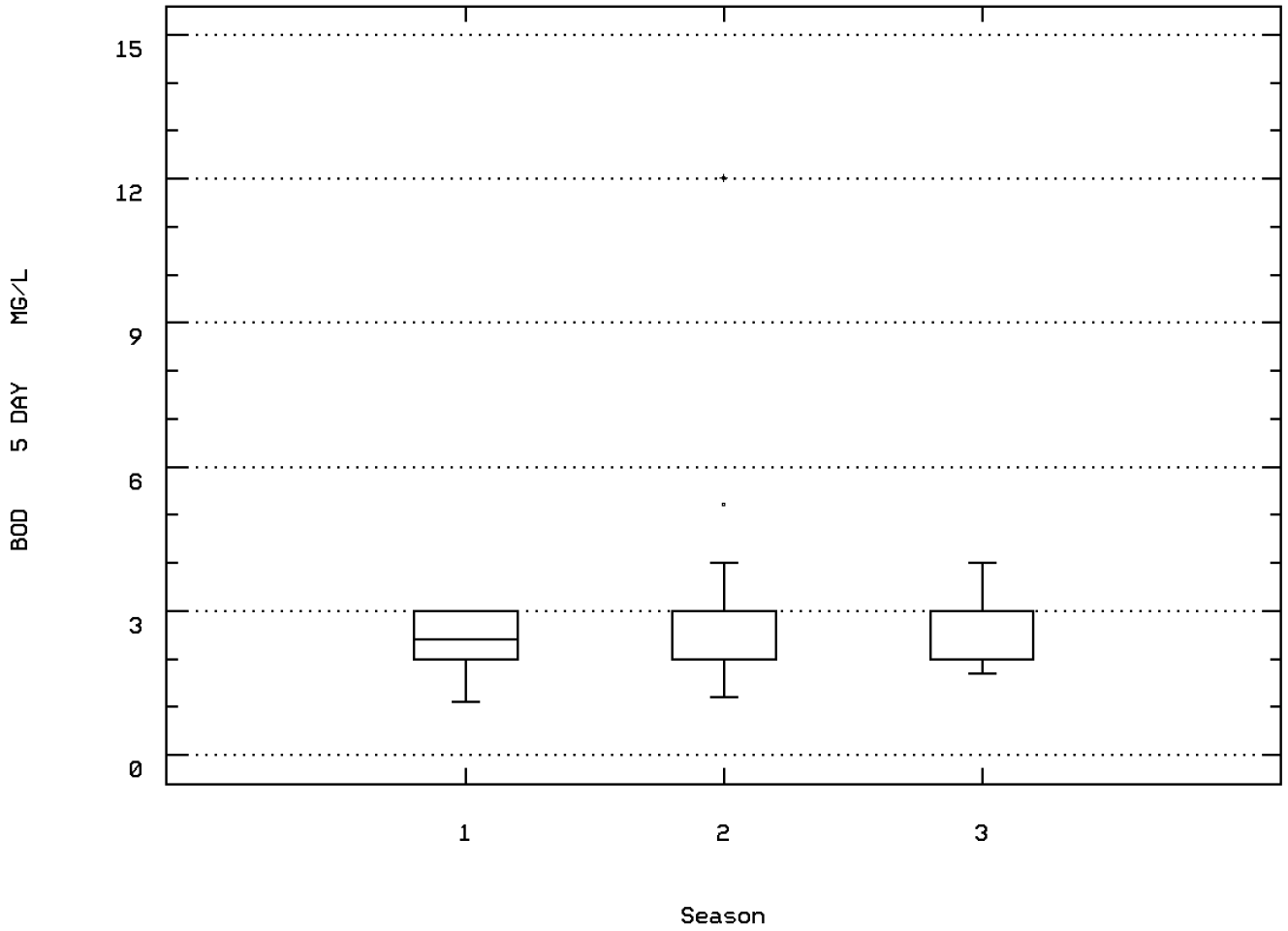
OXYGEN, DISSOLVED



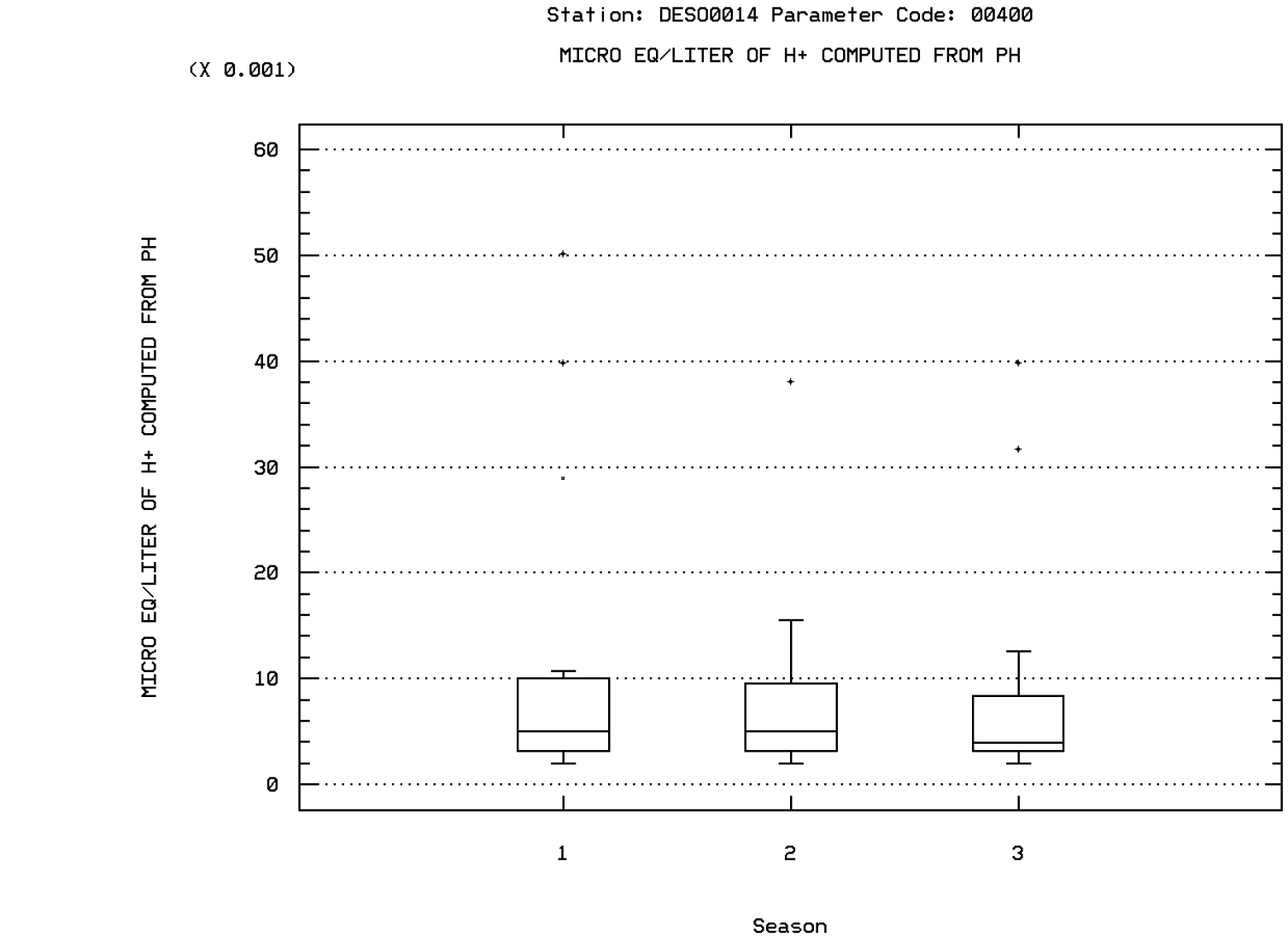
WN-6 TERRA CEIA BAY ENT

Station: DESO0014 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



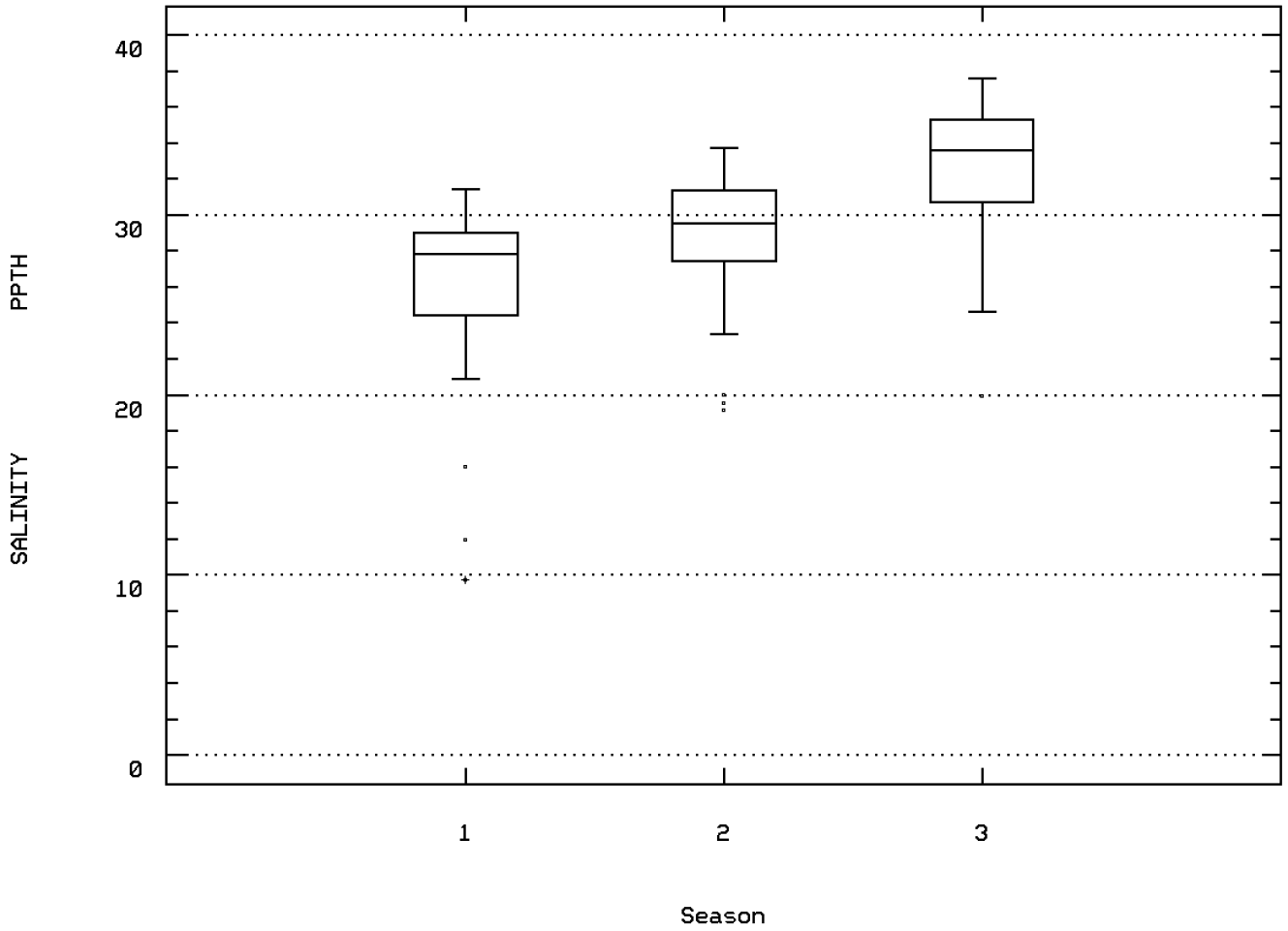
WN-6 TERRA CEIA BAY ENT



WN-6 TERRA CEIA BAY ENT

Station: DESO0014 Parameter Code: 00480

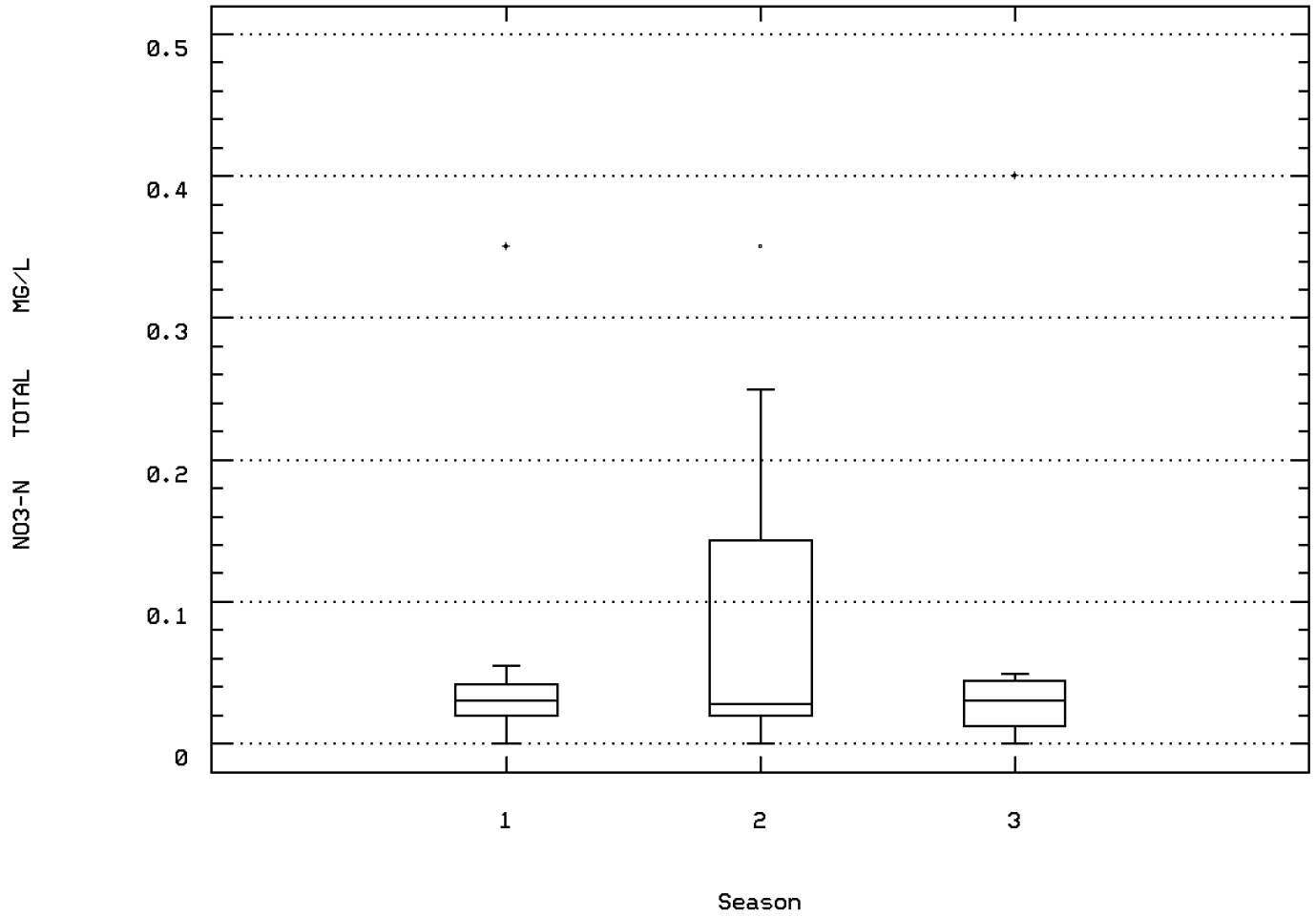
SALINITY - PARTS PER THOUSAND



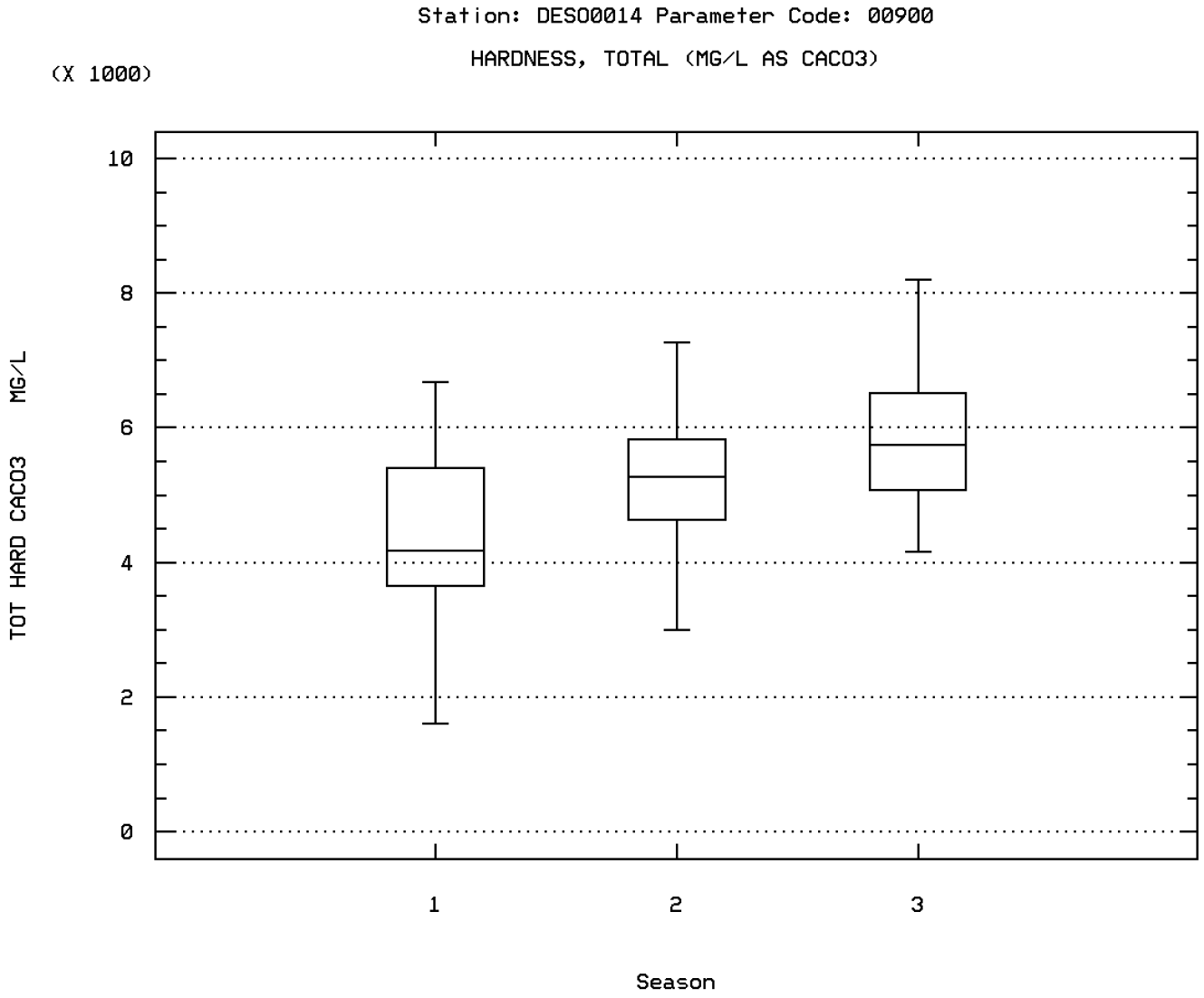
WN-6 TERRA CEIA BAY ENT

Station: DES00014 Parameter Code: 00620

NITRATE NITROGEN, TOTAL (MG/L AS N)



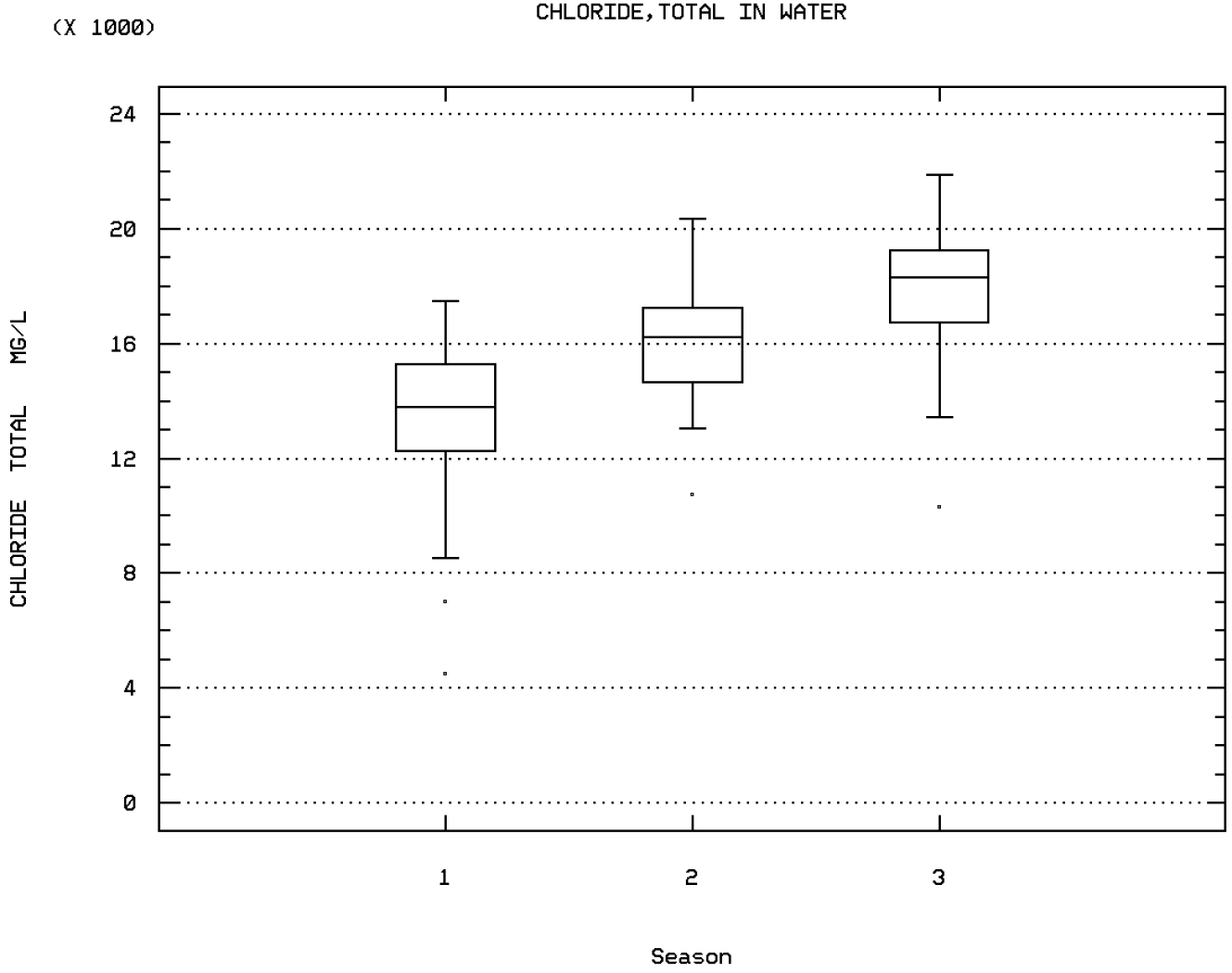
WN-6 TERRA CEIA BAY ENT



WN-6 TERRA CEIA BAY ENT

Station: DESO0014 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



WN-6 TERRA CEIA BAY ENT

Station Inventory for Station: DESO0015

NPS Station ID: DESO0015 LAT/LON: 27.509115/ -82.618282 Agency: 21FLA Date Created: / /
Location: WSB-3 SARASOTA BAY FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): 24010303
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100202 Depth of Water: 0 Aquifer:
Major Basin: SOUTH-EAST Elevation: 0 Water Body Id:
Minor Basin: TAMPA BAY AREA ECO Region:
RF1 Index: 03100202008 RF1 Mile Point: 3.010 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 03100202000802.46 RF3 Mile Point: 3.60 Distance from RF3: 0.01 On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER: BAYOU, EAST WARNER, TO SARASOTA BAY SARASOTA BAY-EAST WARNER BAYOU BRIDGE
SAMPLE TAKEN ON NORTH SIDE OF BRIDGE LOCATED ON RIVERVIEW BLVD WEST

Parameter Inventory for Station: DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	216	0.	0.058	5.	0.	0.142	0.377	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	171	24.	23.108	33.	7.	29.548	5.436	15.5	19.	28.	29.9
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	160	7.	7.794	30.	0.	38.152	6.177	0.	5.	10.	15.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	165	8.3	8.218	8.8	6.3	0.142	0.376	7.788	8.	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	165	8.3	7.928	8.8	6.3	0.226	0.476	7.788	8.	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	165	0.005	0.012	0.501	0.002	0.002	0.04	0.003	0.003	0.01	0.016
00403	PH, LAB, STANDARD UNITS SU	09/08/87-12/15/87	4	7.65	7.65	7.9	7.4	0.057	0.238	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/08/87-12/15/87	4	7.625	7.603	7.9	7.4	0.06	0.244	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/08/87-12/15/87	4	0.024	0.025	0.04	0.013	0.	0.013	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/12/67-10/10/67	4	25.55	25.625	27.4	24.	2.416	1.554	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	211	140.	605.998	2400.	0.2	729601.371	854.167	11.	33.	920.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	211	2.146	2.134	3.38	-0.699	0.859	0.927	1.041	1.519	2.964	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			136.199								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	66	33.	158.803	2400.	1.	125096.838	353.69	1.7	13.	130.	540.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	66	1.519	1.541	3.38	0.	0.682	0.826	0.211	1.114	2.114	2.732
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			34.742								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	193	49.	277.425	2400.	1.	358644.173	598.869	5.	14.	170.	917.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	193	1.69	1.712	3.38	0.	0.705	0.84	0.699	1.146	2.23	2.962
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			51.571								

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

EPA Water Quality Criteria Analysis for Station: DESO0015

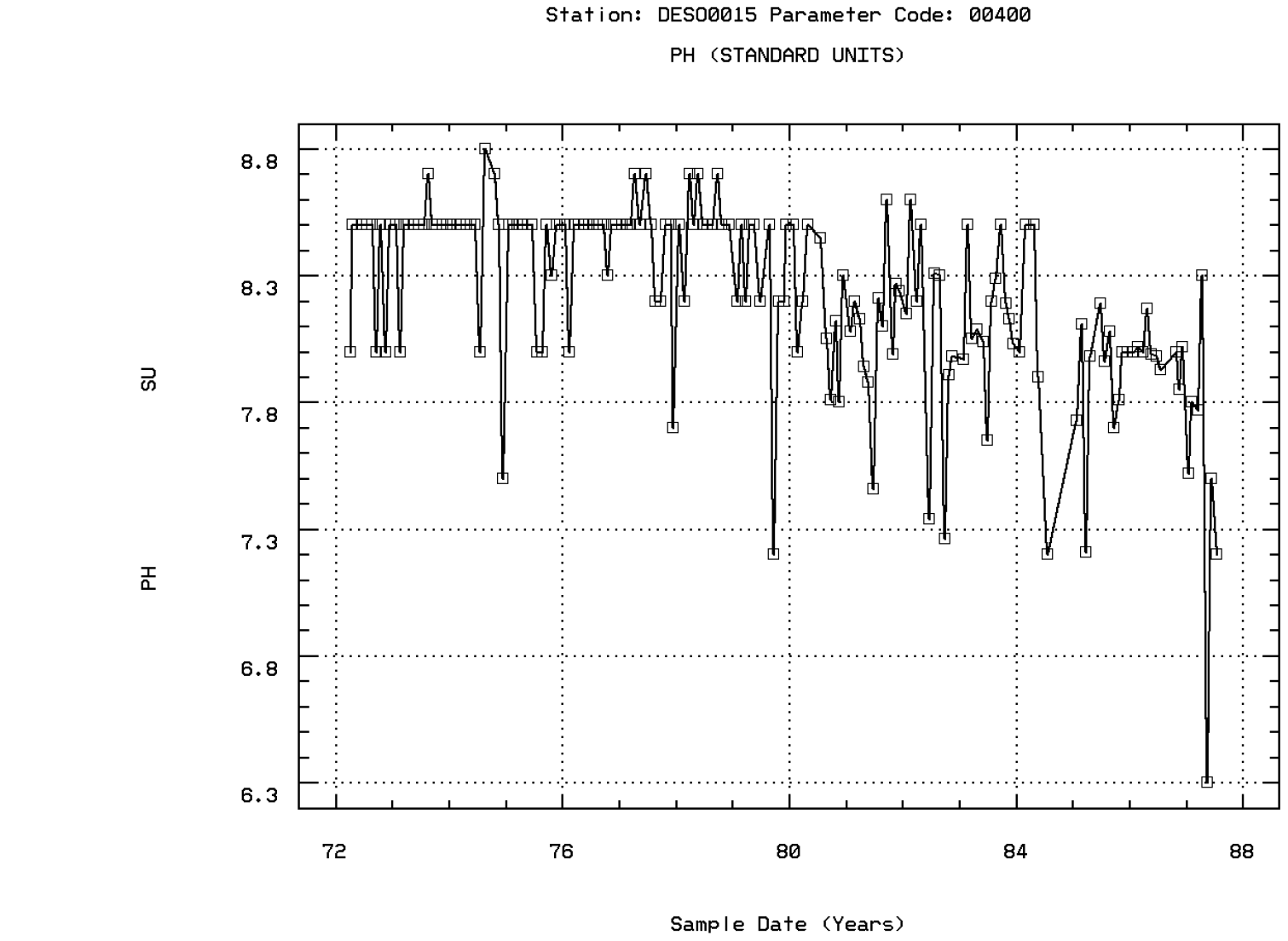
				Total	Exceed	Prop.	8/01-10/19			10/20-4/30			5/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	165	0	0.00	28	0	0.00	97	0	0.00	40	0	0.00			
		Other-Lo Lim.	6.5	165	1	0.01	28	0	0.00	97	0	0.00	40	1	0.03			
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	1	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	3	0	0.00						

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

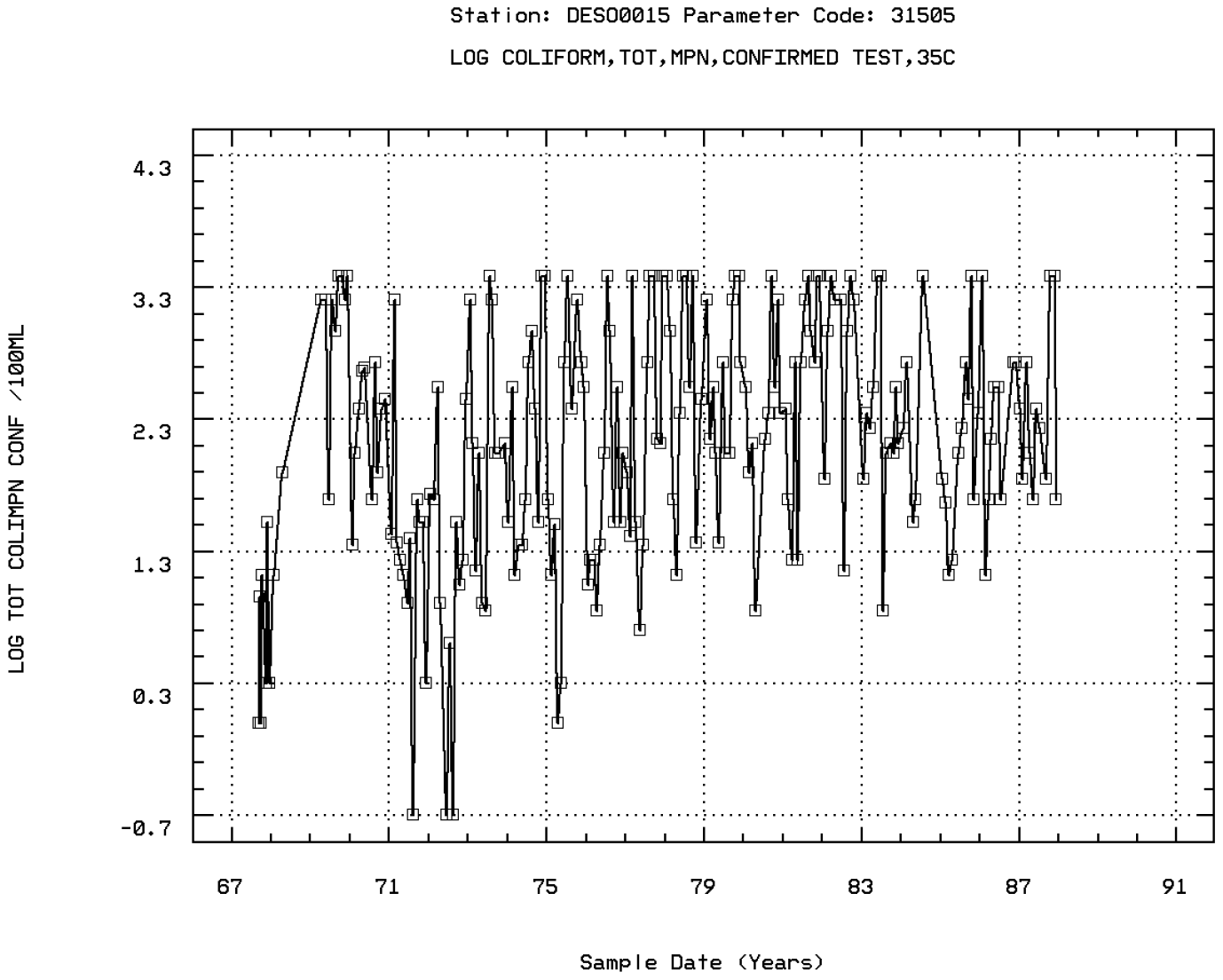
EPA Water Quality Criteria Analysis for Station: DESO0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	211	46	0.22	40	9	0.23	121	25	0.21	50	12	0.24			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	66	11	0.17	13	2	0.15	37	6	0.16	16	3	0.19			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	193	45	0.23	34	11	0.32	112	22	0.20	47	12	0.26			

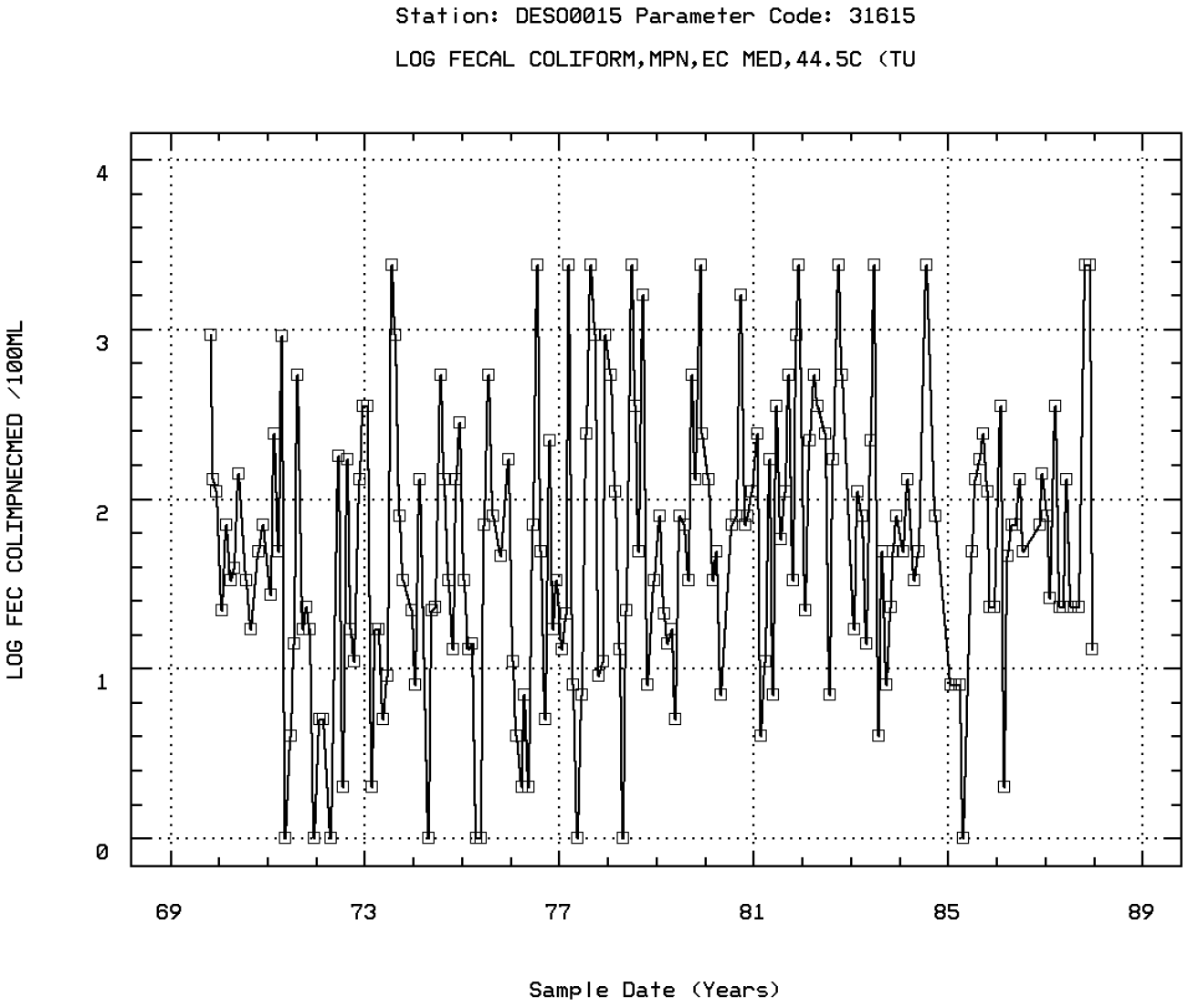
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



WSB-3 SARASOTA BAY



WSB-3 SARASOTA BAY



WSB-3 SARASOTA BAY

Annual Analysis for 1967 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	7	2.	8.714	33.	1.	136.238	11.672	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	7	0.301	0.598	1.519	0.	0.355	0.596	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.966								

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

Annual Analysis for 1968 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	2	46.	46.	79.	13.	2178.	46.669	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	2	1.506	1.506	1.898	1.114	0.307	0.554	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.047								

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

Annual Analysis for 1969 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	9	1600.	1618.778	2400.	49.	598103.444	773.371	49.	1260.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	9	3.204	3.068	3.38	1.69	0.284	0.533	1.69	3.084	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1169.229								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	3	130.	386.667	920.	110.	213433.333	461.988	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	3	2.114	2.373	2.964	2.041	0.263	0.513	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			236.07								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	3	130.	386.667	920.	110.	213433.333	461.988	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	3	2.114	2.373	2.964	2.041	0.263	0.513	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			236.07								

** - 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

Annual Analysis for 1970 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	10	240.	251.	540.	22.	36457.333	190.938	24.7	71.5	467.5	535.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	10	2.38	2.226	2.732	1.342	0.219	0.468	1.377	1.846	2.67	2.728
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			168.444								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	9	39.	52.556	140.	17.	1426.778	37.773	17.	27.5	70.	140.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	9	1.591	1.636	2.146	1.23	0.079	0.281	1.23	1.43	1.845	2.146
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			43.29								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	9	39.	52.556	140.	17.	1426.778	37.773	17.	27.5	70.	140.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	9	1.591	1.636	2.146	1.23	0.079	0.281	1.23	1.43	1.845	2.146
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.29								

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

Annual Analysis for 1971 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	24.	152.517	1600.	0.2	207986.549	456.055	0.74	9.25	33.	1134.7
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	1.38	1.248	3.204	-0.699	0.824	0.908	-0.399	0.956	1.519	2.75
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.687								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	12	20.	153.833	913.	1.	82113.061	286.554	1.	6.5	192.25	801.1
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	12	1.296	1.397	2.96	0.	0.903	0.95	0.	0.738	2.208	2.892
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			24.953								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	20.	153.833	913.	1.	82113.061	286.554	1.	6.5	192.25	801.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	1.296	1.397	2.96	0.	0.903	0.95	0.	0.738	2.208	2.892
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.953								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.	0.455	5.	0.	2.273	1.508	0.	0.	0.	4.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	24.5	22.	28.	13.	29.778	5.457	13.2	17.25	26.25	27.9
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	6	5.	5.833	10.	5.	4.167	2.041	**	**	**	**
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	9	8.5	8.333	8.5	8.	0.062	0.25	8.	8.	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	9	8.5	8.264	8.5	8.	0.068	0.261	8.	8.	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	9	0.003	0.005	0.01	0.003	0.	0.003	0.003	0.003	0.01	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	17.	73.309	350.	0.2	14867.963	121.934	0.2	4.	54.	336.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	1.23	1.119	2.544	-0.699	1.16	1.077	-0.699	0.602	1.732	2.525
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.159								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	14.	87.1	350.	1.	13922.322	117.993	1.1	4.25	172.5	333.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	1.136	1.311	2.544	0.	0.83	0.911	0.03	0.599	2.237	2.515
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			20.486								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	14.	87.1	350.	1.	13922.322	117.993	1.1	4.25	172.5	333.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	1.136	1.311	2.544	0.	0.83	0.911	0.03	0.599	2.237	2.515
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.486								

** - 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 1973 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	26.	23.545	30.	11.	42.823	6.544	11.4	20.	29.5	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	9	5.	6.333	15.	0.	36.75	6.062	0.	0.	12.5	15.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.5	8.475	8.7	8.	0.026	0.16	8.15	8.5	8.5	8.64
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.5	8.44	8.7	8.	0.027	0.164	8.15	8.5	8.5	8.64
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.003	0.008
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	110.	565.364	2400.	7.	743441.255	862.23	7.2	14.	1600.	2240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	2.041	2.094	3.38	0.845	0.8	0.895	0.857	1.146	3.204	3.345
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			124.187								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	22.	350.364	2400.	2.	538710.055	733.969	2.6	9.	350.	2104.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	1.342	1.642	3.38	0.301	0.925	0.962	0.381	0.954	2.544	3.297
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			43.851								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	22.	350.364	2400.	2.	538710.055	733.969	2.6	9.	350.	2104.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	1.342	1.642	3.38	0.301	0.925	0.962	0.381	0.954	2.544	3.297
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.851								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	23.5	23.333	30.	16.	21.106	4.594	16.75	18.875	27.	29.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	10	7.5	7.1	15.	0.	17.433	4.175	0.3	4.5	10.	14.5
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	10	8.5	8.4	8.8	7.5	0.142	0.377	7.55	8.375	8.55	8.79
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	10	8.5	8.193	8.8	7.5	0.19	0.436	7.55	8.375	8.55	8.79
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	10	0.003	0.006	0.032	0.002	0.	0.009	0.002	0.003	0.005	0.029
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	144.5	585.167	2400.	13.	794070.515	891.106	15.7	24.75	825.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.035	2.159	3.38	1.114	0.693	0.832	1.182	1.386	2.906	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			144.181								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	33.	119.091	540.	1.	26702.691	163.41	2.4	13.	130.	488.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	1.519	1.615	2.732	0.	0.62	0.788	0.181	1.114	2.114	2.675
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			41.176								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	33.	119.091	540.	1.	26702.691	163.41	2.4	13.	130.	488.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	1.519	1.615	2.732	0.	0.62	0.788	0.181	1.114	2.114	2.675
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			41.176								

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

Annual Analysis for 1975 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	23.	22.636	30.	15.	27.055	5.201	15.2	16.	28.	29.6
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	9	10.	11.111	25.	5.	29.861	5.465	5.	10.	10.	25.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.5	8.391	8.5	8.	0.041	0.202	8.	8.3	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.5	8.34	8.5	8.	0.044	0.209	8.	8.3	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.003	0.005	0.01	0.003	0.	0.003	0.003	0.003	0.005	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	240.	524.273	2400.	1.	606341.818	778.68	1.2	13.	540.	2240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	2.38	1.962	3.38	0.	1.286	1.134	0.06	1.114	2.732	3.345
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			91.655								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	39.5	96.7	540.	1.	26856.011	163.878	1.	10.	101.75	503.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	1.591	1.415	2.732	0.	0.784	0.886	0.	0.835	1.981	2.682
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			25.983								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	39.5	96.7	540.	1.	26856.011	163.878	1.	10.	101.75	503.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	1.591	1.415	2.732	0.	0.784	0.886	0.	0.835	1.981	2.682
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.983								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	22.	22.917	30.	12.	29.356	5.418	13.8	20.	28.5	29.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	12	10.	10.75	18.	5.	17.295	4.159	5.	8.	15.	17.1
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.5	8.442	8.5	8.	0.023	0.151	8.09	8.5	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.5	8.41	8.5	8.	0.024	0.154	8.09	8.5	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.003	0.004	0.01	0.003	0.	0.002	0.003	0.003	0.003	0.009
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	33.	335.833	2400.	7.	491191.061	700.85	8.2	17.	290.	1956.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	1.519	1.808	3.38	0.845	0.639	0.799	0.904	1.23	2.418	3.255
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			64.29								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	14.	235.	2400.	2.	468599.818	684.544	2.	4.25	64.75	1746.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	1.136	1.316	3.38	0.301	0.821	0.906	0.301	0.626	1.806	3.069
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.719								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	23.75	22.542	30.	11.	39.521	6.287	11.6	18.25	28.	29.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	12	0.	4.	16.	0.	30.545	5.527	0.	0.	9.	14.2
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.5	8.417	8.7	7.7	0.074	0.272	7.85	8.275	8.5	8.7
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.5	8.311	8.7	7.7	0.087	0.294	7.85	8.275	8.5	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.003	0.005	0.02	0.002	0.	0.005	0.002	0.003	0.006	0.016
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	135.	881.25	2400.	5.	1277945.114	1130.462	10.1	27.75	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.13	2.282	3.38	0.699	0.904	0.951	0.892	1.441	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			191.492								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	17.	579.167	2400.	1.	840556.152	916.818	2.8	8.25	920.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	1.218	1.771	3.38	0.	1.361	1.167	0.254	0.916	2.964	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			58.977								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	23.5	23.545	30.	15.5	34.973	5.914	15.6	16.5	29.	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	11	4.	4.	8.	0.	12.	3.464	0.	0.	8.	8.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.5	8.527	8.7	8.2	0.02	0.142	8.26	8.5	8.7	8.7
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.5	8.504	8.7	8.2	0.021	0.144	8.26	8.5	8.7	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.003	0.003	0.006	0.002	0.	0.001	0.002	0.002	0.003	0.006
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	350.	1041.364	2400.	13.	1220997.855	1104.988	15.	49.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	2.544	2.544	3.38	1.114	0.72	0.848	1.164	1.69	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			349.956								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	49.	466.	2400.	1.	636169.2	797.602	2.4	13.	540.	2240.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	1.69	1.861	3.38	0.	1.072	1.036	0.181	1.114	2.732	3.345
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			72.601								

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

Annual Analysis for 1979 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	23.4	22.65	29.5	12.5	32.434	5.695	13.4	17.875	28.25	29.35
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	11	8.	6.636	15.	0.	20.055	4.478	0.	4.	10.	14.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.2	8.245	8.5	7.2	0.143	0.378	7.4	8.2	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.2	7.998	8.5	7.2	0.21	0.458	7.4	8.2	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.006	0.01	0.063	0.003	0.	0.018	0.003	0.003	0.006	0.052
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	445.	826.917	2400.	23.	836057.72	914.362	49.1	110.	1600.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.638	2.567	3.38	1.362	0.423	0.65	1.566	2.041	3.204	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			369.371								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	74.5	302.333	2400.	5.	458968.788	677.472	7.7	18.	212.5	1842.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	1.871	1.847	3.38	0.699	0.552	0.743	0.833	1.253	2.314	3.186
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			70.299								

** - 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 1980 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	23.	22.4	29.5	12.	33.656	5.801	12.3	17.625	28.	29.35
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	10	6.	5.1	15.	0.	20.1	4.483	0.	0.	6.	14.1
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	10	8.16	8.173	8.5	7.8	0.07	0.264	7.801	7.953	8.462	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	10	8.158	8.102	8.5	7.8	0.075	0.274	7.801	7.953	8.462	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	10	0.007	0.008	0.016	0.003	0.	0.005	0.003	0.003	0.011	0.016
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	10	220.	549.6	2400.	7.	631554.267	794.704	14.2	117.25	662.5	2320.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	10	2.342	2.336	3.38	0.845	0.492	0.702	0.95	2.06	2.709	3.363
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			216.776								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	74.5	222.7	1600.	7.	235429.789	485.211	9.6	45.	115.	1453.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	1.871	1.89	3.204	0.845	0.342	0.584	0.912	1.647	2.06	3.095
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			77.602								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	25.	23.85	31.	12.5	29.106	5.395	14.	20.	28.625	30.4
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	12	10.	9.167	20.	0.	31.061	5.573	0.	6.25	10.	18.5
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.115	8.092	8.6	7.46	0.074	0.272	7.586	7.953	8.233	8.501
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.115	8.002	8.6	7.46	0.083	0.288	7.586	7.953	8.232	8.501
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.008	0.01	0.035	0.003	0.	0.008	0.003	0.006	0.011	0.028
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	540.	971.917	2400.	17.	935119.538	967.016	17.	96.75	2200.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.732	2.586	3.38	1.23	0.636	0.798	1.23	1.863	3.336	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			385.85								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	140.	403.583	2400.	4.	469925.902	685.511	4.9	16.5	492.5	1956.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	2.136	2.004	3.38	0.602	0.76	0.872	0.675	1.161	2.685	3.255
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			100.829								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	23.	23.65	31.	18.	26.669	5.164	18.	18.75	29.25	30.9
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	9	6.	7.111	20.	0.	31.361	5.6	0.	4.	9.	20.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	10	8.175	8.055	8.6	7.26	0.202	0.45	7.268	7.768	8.358	8.59
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	10	8.174	7.817	8.6	7.26	0.265	0.515	7.268	7.767	8.358	8.59
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	10	0.007	0.015	0.055	0.003	0.	0.019	0.003	0.004	0.021	0.054
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	9	1600.	1280.444	2400.	14.	767756.778	876.217	14.	495.	2000.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	9	3.204	2.81	3.38	1.146	0.608	0.78	1.146	2.404	3.292	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			645.916								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	9	240.	498.778	2400.	7.	545264.944	738.421	7.	96.	540.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	9	2.38	2.281	3.38	0.845	0.58	0.762	0.845	1.786	2.732	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			191.018								

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

Annual Analysis for 1983 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	22.5	22.5	30.	15.	25.545	5.054	15.6	18.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	12	6.	7.333	20.	0.	42.97	6.555	0.	1.	13.75	18.5
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.11	8.137	8.5	7.65	0.054	0.231	7.746	8.032	8.267	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.11	8.078	8.5	7.65	0.057	0.239	7.746	8.032	8.267	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.008	0.008	0.022	0.003	0.	0.005	0.003	0.005	0.009	0.019
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	150.	537.25	2400.	7.	767418.023	876.024	25.9	110.	350.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.172	2.285	3.38	0.845	0.453	0.673	1.145	2.041	2.544	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			192.838								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	49.	254.333	2400.	4.	460241.152	678.411	5.2	14.75	102.25	1746.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	1.69	1.682	3.38	0.602	0.537	0.733	0.692	1.167	2.005	3.069
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			48.076								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	5	25.	21.8	26.	16.	23.7	4.868	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	5	8.	10.8	30.	0.	129.2	11.367	**	**	**	**
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	5	8.	8.02	8.5	7.2	0.287	0.536	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	5	8.	7.735	8.5	7.2	0.388	0.623	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	5	0.01	0.018	0.063	0.003	0.001	0.025	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	5	170.	638.4	2400.	33.	1011554.3	1005.761	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	5	2.23	2.31	3.38	1.519	0.585	0.765	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			204.34								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	6	64.	456.667	2400.	33.	907553.067	952.656	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	6	1.794	2.048	3.38	1.519	0.468	0.684	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			111.802								

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

Annual Analysis for 1985 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	25.6	23.918	30.7	7.	50.726	7.122	8.8	21.9	29.2	30.62
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	11	7.	10.909	25.	3.	70.691	8.408	3.	5.	20.	25.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	7.98	7.888	8.19	7.21	0.074	0.272	7.308	7.73	8.08	8.174
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	7.98	7.787	8.19	7.21	0.086	0.292	7.308	7.73	8.08	8.174
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.01	0.016	0.062	0.006	0.	0.016	0.007	0.008	0.019	0.053
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	110.	355.909	2400.	13.	483589.091	695.406	13.8	46.	280.	2028.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	2.041	2.065	3.38	1.114	0.438	0.662	1.137	1.663	2.447	3.251
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			116.181								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	23.	70.	240.	1.	6525.2	80.779	2.4	8.	130.	226.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	1.362	1.444	2.38	0.	0.534	0.731	0.181	0.903	2.114	2.35
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.826								

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

Annual Analysis for 1986 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	25.25	23.57	30.1	11.	33.142	5.757	11.7	20.175	27.925	29.98
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	10	6.	10.2	25.	5.	64.844	8.053	5.	5.	13.75	25.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	10	8.	7.996	8.17	7.85	0.006	0.08	7.858	7.968	8.02	8.155
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	10	8.	7.99	8.17	7.85	0.006	0.08	7.858	7.968	8.02	8.155
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	10	0.01	0.01	0.014	0.007	0.	0.002	0.007	0.01	0.011	0.014
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	9	350.	492.333	2400.	13.	553905.25	744.248	13.	49.	540.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	9	2.544	2.286	3.38	1.114	0.479	0.692	1.114	1.69	2.732	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			193.177								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	9	70.	103.	350.	2.	10342.5	101.698	2.	47.5	135.	350.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	9	1.845	1.777	2.544	0.301	0.381	0.618	0.301	1.676	2.13	2.544
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			59.848								

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

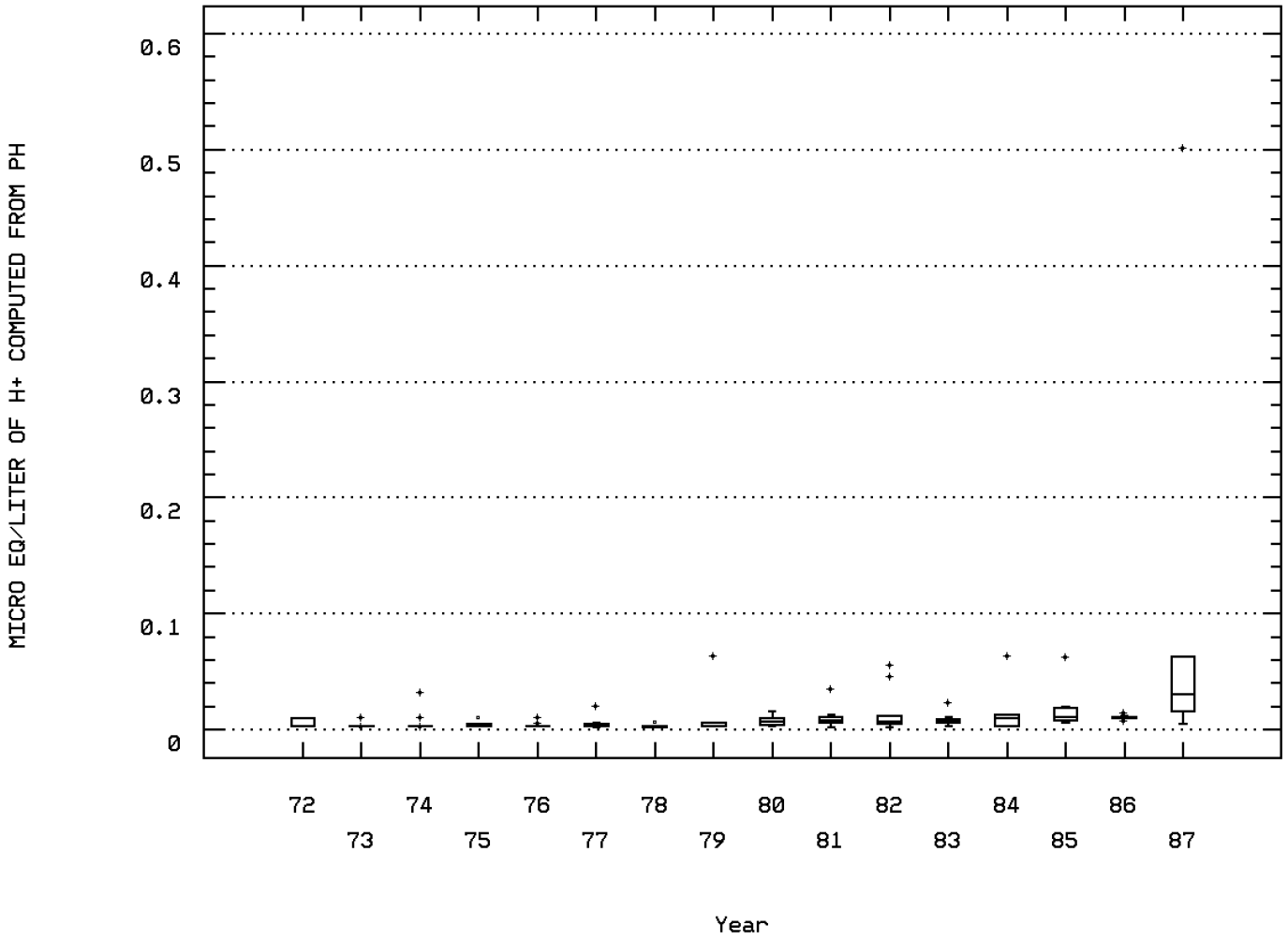
Annual Analysis for 1987 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.5	0.591	1.	0.	0.141	0.375	0.	0.5	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	24.35	24.27	33.	14.5	26.54	5.152	15.06	20.85	27.425	32.6
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	11	8.	9.182	30.	5.	52.564	7.25	5.	5.	10.	26.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	7	7.52	7.484	8.3	6.3	0.389	0.623	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	7	7.52	7.023	8.3	6.3	0.637	0.798	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	7	0.03	0.095	0.501	0.005	0.032	0.18	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	170.	576.182	2400.	49.	833056.164	912.719	49.	70.	540.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	2.23	2.327	3.38	1.69	0.375	0.613	1.69	1.845	2.732	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			212.265								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	26.	499.091	2400.	13.	892859.291	944.912	15.	23.	350.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	1.415	1.936	3.38	1.114	0.684	0.827	1.164	1.362	2.544	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			86.224								

** - Less than 9 observations ## - Computed 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: DESO0015 Parameter Code: 00400

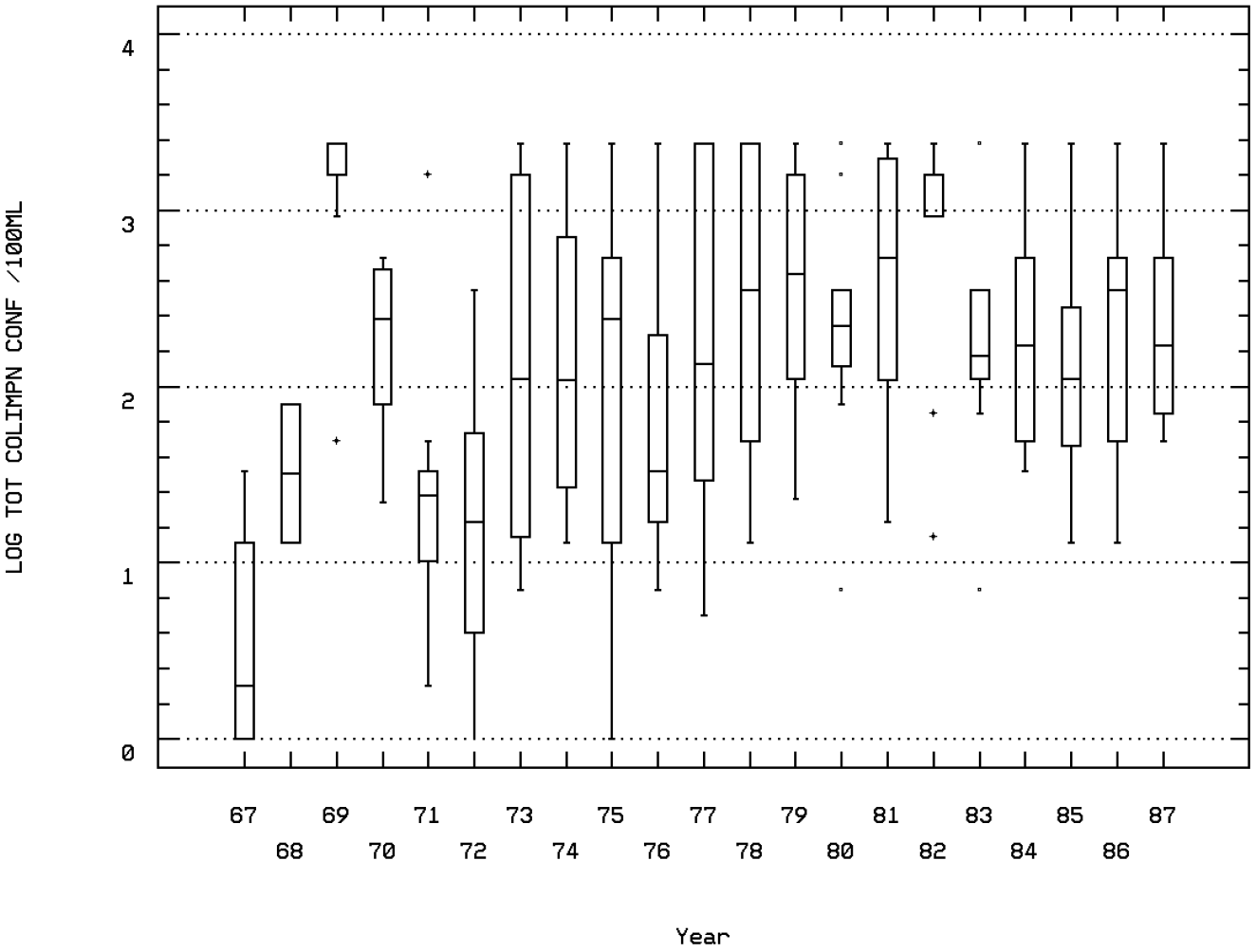
MICRO EQ/LITER OF H+ COMPUTED FROM PH



WSB-3 SARASOTA BAY

Station: DESO0015 Parameter Code: 31505

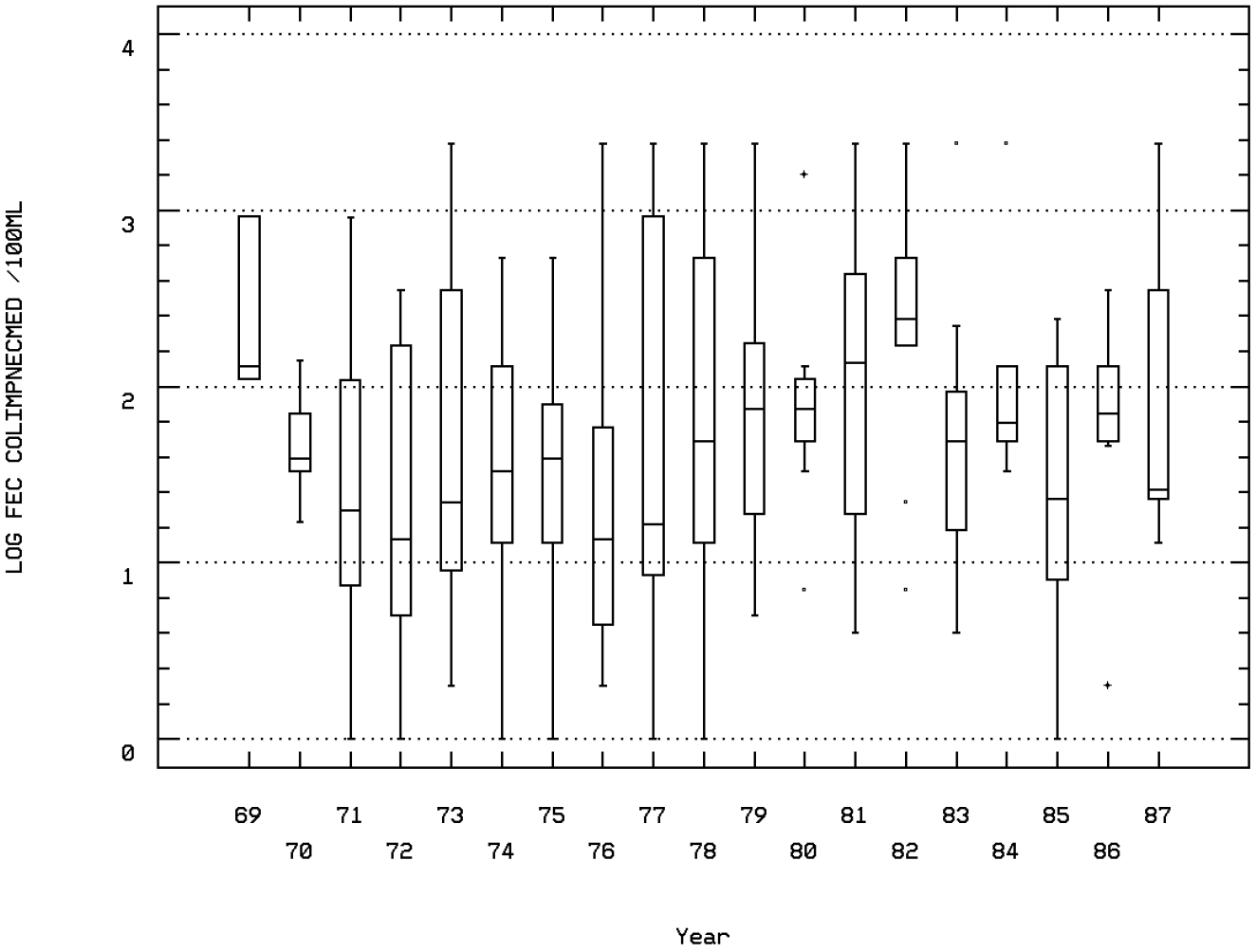
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



WSB-3 SARASOTA BAY

Station: DES00015 Parameter Code: 31615

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



WSB-3 SARASOTA BAY

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	42	0.	0.131	5.	0.	0.598	0.773	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	30	28.	27.863	30.7	21.	4.144	2.036	25.1	26.75	29.275	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	29	5.	6.793	25.	0.	44.741	6.689	0.	3.	10.	18.
00400	PH (STANDARD UNITS)	04/04/72-07/13/87	28	8.4	8.26	8.8	7.2	0.158	0.397	7.656	8.058	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	28	8.389	8.022	8.8	7.2	0.217	0.465	7.656	8.057	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	28	0.004	0.01	0.063	0.002	0.	0.015	0.002	0.003	0.009	0.023
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	40	240.	706.56	2400.	0.2	791169.25	889.477	1.8	37.	920.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	40	2.38	2.174	3.38	-0.699	1.235	1.111	0.095	1.561	2.964	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			149.376								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	13	33.	159.154	920.	11.	72557.308	269.365	13.4	17.	150.	768.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	13	1.519	1.767	2.964	1.041	0.368	0.606	1.117	1.23	2.172	2.871
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			58.441								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	34	79.	392.735	2400.	5.	430990.14	656.498	14.	30.5	540.	1600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	34	1.898	2.033	3.38	0.699	0.546	0.739	1.136	1.479	2.732	3.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			108.009								

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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	124	0.	0.036	1.	0.	0.029	0.171	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	100	20.	19.597	27.9	7.	17.997	4.242	13.	16.625	23.	24.98
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	94	8.	8.681	30.	0.	40.005	6.325	0.	5.	10.	15.5
00400	PH (STANDARD UNITS)	04/04/72-07/13/87	97	8.24	8.242	8.7	7.21	0.089	0.298	7.842	8.	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	97	8.24	8.122	8.7	7.21	0.103	0.321	7.842	8.	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	97	0.006	0.008	0.062	0.002	0.	0.008	0.003	0.003	0.01	0.014
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	121	130.	564.876	2400.	1.	689732.526	830.501	13.	33.	540.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	121	2.114	2.147	3.38	0.	0.694	0.833	1.114	1.519	2.732	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			140.233								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	37	33.	119.676	920.	1.	46202.281	214.947	1.	13.	130.	350.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	37	1.519	1.506	2.964	0.	0.655	0.809	0.	1.114	2.114	2.544
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			32.044								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	112	33.	215.634	2400.	1.	262155.207	512.011	4.3	13.	130.	540.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	112	1.519	1.625	3.38	0.	0.649	0.806	0.631	1.114	2.114	2.732
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			42.145								

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	50	0.	0.05	1.	0.	0.043	0.208	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	41	28.5	28.193	33.	25.	3.753	1.937	25.6	26.	30.	30.26
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	37	6.	6.324	25.	0.	25.281	5.028	0.	4.	10.	10.
00400	PH (STANDARD UNITS)	04/04/72-07/13/87	40	8.26	8.132	8.7	6.3	0.257	0.507	7.352	7.938	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	40	8.257	7.625	8.7	6.3	0.521	0.722	7.352	7.937	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	40	0.006	0.024	0.501	0.002	0.006	0.079	0.003	0.003	0.012	0.045
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	50	125.	625.064	2400.	0.2	795214.017	891.748	7.	22.	805.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	50	2.094	2.071	3.38	-0.699	0.991	0.996	0.845	1.342	2.85	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			117.871								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	16	22.5	249.	2400.	1.	360700.667	600.584	1.	4.25	170.	1098.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	16	1.352	1.439	3.38	0.	1.031	1.016	0.	0.626	2.228	2.927
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			27.45								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	47	58.	341.255	2400.	1.	531882.064	729.302	2.	7.	220.	2400.

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

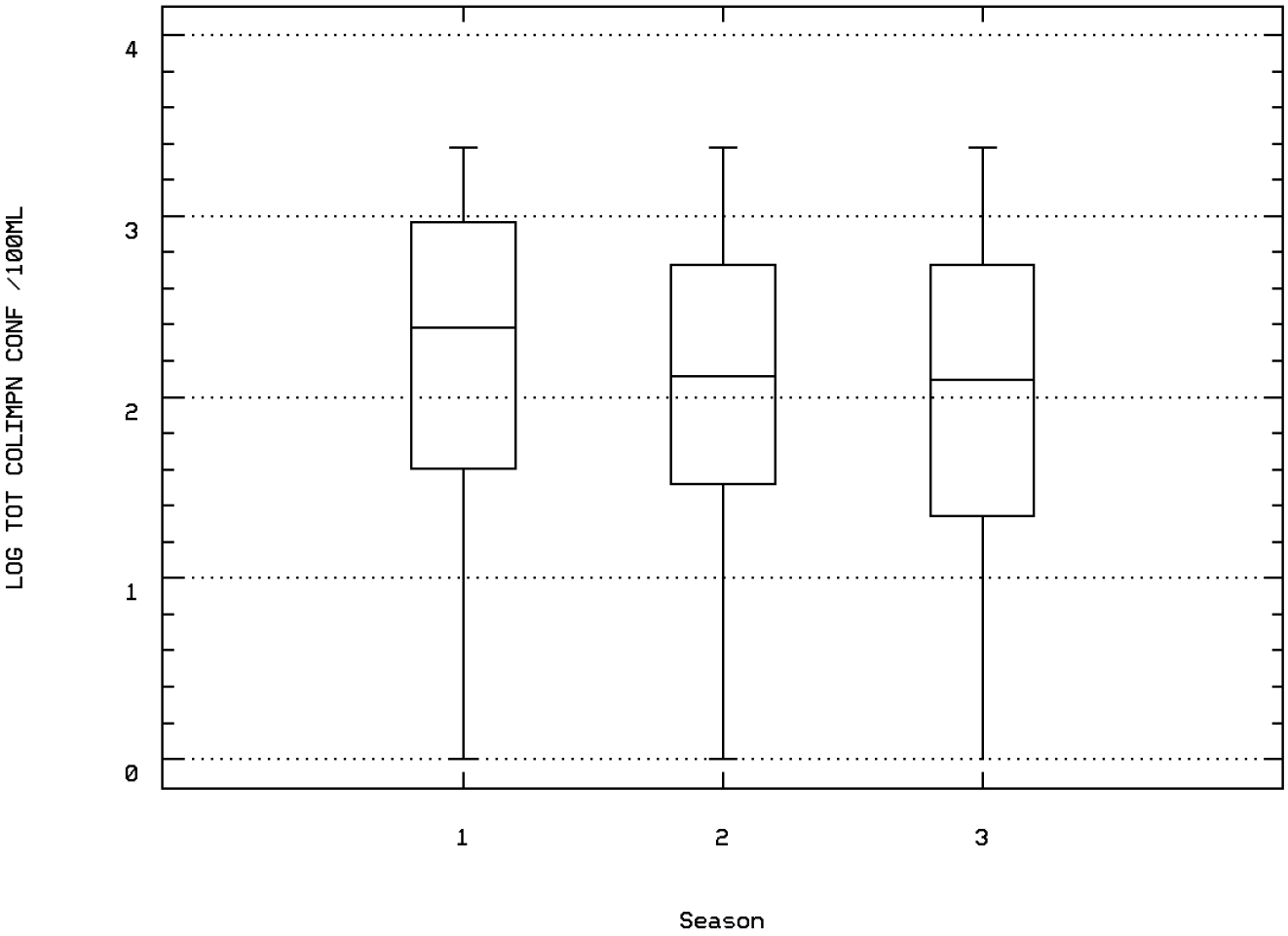
Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	47	1.763	1.689	3.38	0.	0.888	0.942	0.301	0.845	2.342	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			48.871								

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

Station: DESO0015 Parameter Code: 31505

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



WSB-3 SARASOTA BAY

Station Inventory for Station: DESO0016

NPS Station ID: DESO0016
LAT/LON: 27.517337/ -82.618837
Agency: 21FLMANA
Date Created: 08/19/95
Location: WEST MANATEE RIVER
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): LM-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100202
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:
AWP

Parameter Inventory for Station: DESO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	50	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/89-12/13/94	46	25.	24.376	32.	14.	22.849	4.78	18.	20.	29.	30.09
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/01/89-12/13/94	38	1.445	1.419	2.7	0.5	0.322	0.568	0.89	0.9	1.7	2.43
00080	COLOR (PLATINUM-COBALT UNITS)	01/01/89-12/13/94	48	20.	31.979	200.	5.	1458.234	38.187	10.	15.	38.75	50.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	49	42000.	41106.122	54700.	22800.	41080586.735	6409.414	32500.	37200.	45550.	47700.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/01/89-12/13/94	42	7.85	7.512	10.9	4.6	2.651	1.628	4.99	6.2	8.45	9.9
00311	BOD, DISSOLVED, 5 DAY MG/L	01/01/89-12/13/94	44	2.	2.461	9.7	0.3	3.209	1.791	1.	1.425	2.9	4.5
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	48	8.1	8.063	8.5	7.5	0.051	0.225	7.78	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	48	8.1	8.002	8.5	7.5	0.054	0.233	7.78	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	48	0.008	0.01	0.032	0.003	0.	0.006	0.005	0.006	0.013	0.017
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	50	15.5	16.8	30.	4.	36.735	6.061	10.	13.	21.25	23.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/01/89-12/13/94	39	7.	7.949	17.	3.	11.839	3.441	4.	5.	10.	13.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/01/89-12/13/94	43 ##	0.005	0.02	0.14	0.005	0.001	0.029	0.005	0.005	0.025	0.06
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	50	0.045	0.045	0.19	0.002	0.001	0.036	0.008	0.02	0.05	0.098
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/01/89-12/13/94	43	0.42	0.504	1.72	0.	0.196	0.443	0.025	0.11	0.67	1.117
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	50	0.035	0.041	0.2	0.001	0.002	0.041	0.002	0.01	0.05	0.08
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/01/89-04/26/94	41	15500.	14920.146	19200.	8000.	7550536.878	2747.824	11000.	13850.	16350.	17700.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/01/90-04/29/91	4 ##	2.5	21.5	80.	1.	1523.	39.026	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/01/90-04/29/91	4 ##	0.301	0.626	1.903	0.	0.805	0.897	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.229								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/01/89-12/13/94	44	5.545	10.852	86.2	0.	259.992	16.124	0.5	2.7	12.253	31.915
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	29	2.27	6.92	46.52	0.	153.218	12.378	0.1	0.5	6.38	37.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	29	4.04	12.453	68.34	0.1	297.672	17.253	0.2	0.85	21.225	35.08
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/01/90-07/13/92	12	0.5	4.881	35.24	0.	107.063	10.347	0.	0.125	5.075	28.673
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/01/89-12/13/94	42	4.135	33.292	185.7	0.48	2324.776	48.216	0.5	0.5	58.398	124.645
70305	SALINITY BASED ON CONDUCTIVITY	01/01/89-09/06/94	42	27.	26.514	36.	14.	24.032	4.902	19.3	23.75	29.625	32.26
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/01/89-12/13/94	43	0.17	0.259	2.28	0.04	0.127	0.356	0.068	0.11	0.26	0.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/01/89-12/13/94	48	2.45	3.188	10.7	0.3	5.074	2.253	0.99	1.425	4.3	7.2

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

EPA Water Quality Criteria Analysis for Station: DESO0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	42	0	0.00	5	0	0.00	28	0	0.00	9	0	0.00			
00400	PH	Marine Chronic	8.5	48	2	0.04	8	0	0.00	29	2	0.07	11	0	0.00			
		Other-Lo Lim.	6.5	48	0	0.00	8	0	0.00	29	0	0.00	11	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	0	0.00	1	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	48	0	0.00	8	0	0.00	29	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 1989 - Station DESO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	10	44100.	41610.	47000.	28700.	36207666.667	6017.281	29200.	37825.	45725.	46910.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	7.9	7.878	8.3	7.5	0.079	0.282	7.5	7.6	8.15	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	7.9	7.801	8.3	7.5	0.086	0.293	7.5	7.6	8.15	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.013	0.016	0.032	0.005	0.	0.009	0.005	0.007	0.025	0.032
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	10	16.	18.1	30.	6.	56.767	7.534	6.7	13.	24.25	29.8
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	10	0.035	0.039	0.1	0.008	0.001	0.026	0.009	0.02	0.05	0.095
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	10	0.025	0.029	0.1	0.001	0.001	0.03	0.001	0.002	0.043	0.095

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

Annual Analysis for 1990 - Station DESO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	9	44800.	43677.778	49700.	37200.	14881944.444	3857.712	37200.	40250.	46200.	49700.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.1	8.089	8.3	7.8	0.026	0.162	7.8	7.95	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.1	8.061	8.3	7.8	0.027	0.164	7.8	7.95	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.008	0.009	0.016	0.005	0.	0.004	0.005	0.006	0.011	0.016
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	9	20.	18.	30.	4.	51.5	7.176	4.	14.5	21.5	30.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	9	0.05	0.07	0.19	0.01	0.003	0.051	0.01	0.05	0.09	0.19
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	9	0.05	0.062	0.2	0.002	0.004	0.061	0.002	0.015	0.09	0.2

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

Annual Analysis for 1991 - Station DESO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	9	41200.	39100.	46800.	22800.	52605000.	7252.93	22800.	35550.	44500.	46800.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.12	8.136	8.3	8.	0.015	0.122	8.	8.	8.25	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.12	8.121	8.3	8.	0.015	0.123	8.	8.	8.25	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.008	0.008	0.01	0.005	0.	0.002	0.005	0.006	0.01	0.01
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	9	16.	16.889	23.	12.	14.611	3.822	12.	13.5	20.5	23.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	9	0.02	0.044	0.15	0.005	0.002	0.046	0.005	0.013	0.065	0.15
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	9	0.02	0.047	0.2	0.002	0.004	0.063	0.002	0.006	0.07	0.2

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

Annual Analysis for 1992 - Station DESO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	6	40050.	39833.333	46200.	32500.	26362666.667	5134.459	**	**	**	**
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	6	8.1	8.083	8.3	7.9	0.03	0.172	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	6	8.089	8.055	8.3	7.9	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	6	0.008	0.009	0.013	0.005	0.	0.003	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	7	12.	13.714	21.	10.	17.571	4.192	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	7	0.04	0.035	0.1	0.002	0.001	0.034	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	7	0.04	0.028	0.05	0.002	0.	0.021	**	**	**	**

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

Annual Analysis for 1993 - Station DESO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	5	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	5	38500.	38480.	48300.	28000.	52897000.	7273.032	**	**	**	**
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	5	8.2	8.12	8.5	7.6	0.117	0.342	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	5	8.2	8.003	8.5	7.6	0.134	0.366	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	5	0.006	0.01	0.025	0.003	0.	0.009	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	13.	12.2	17.	4.	24.7	4.97	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	5 ##	0.05	0.044	0.06	0.01	0.	0.019	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	5	0.05	0.04	0.06	0.01	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 1994 - Station DESO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	10	42550.	42170.	54700.	27000.	67655666.667	8225.306	27740.	36350.	48625.	54370.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	10	8.	8.1	8.5	7.9	0.044	0.211	7.9	7.9	8.3	8.48
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	10	8.	8.059	8.5	7.9	0.046	0.215	7.9	7.9	8.3	8.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	10	0.01	0.009	0.013	0.003	0.	0.004	0.003	0.005	0.013	0.013
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	10	20.5	18.8	26.	10.	34.844	5.903	10.	13.	23.25	25.8
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	10	0.04	0.037	0.07	0.01	0.	0.018	0.011	0.02	0.05	0.068
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	10	0.04	0.039	0.07	0.01	0.	0.017	0.011	0.028	0.05	0.068

** - Less than 9 observations ## - Computed 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: DESO0017

NPS Station ID: DESO0017
LAT/LON: 27.517337/ -82.618837
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP North Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 434
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100202
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/17/96-10/13/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/17/96-10/13/98	12	25.	24.667	32.	15.	34.606	5.883	15.9	18.5	30.5	31.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/17/96-10/13/98	12	1.3	1.317	2.	1.	0.092	0.304	1.	1.	1.5	1.85
00080	COLOR (PLATINUM-COBALT UNITS)	01/17/96-10/13/98	11	20.	27.727	70.	5.	416.818	20.416	6.	10.	40.	66.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/17/96-10/13/98	12	38100.	35830.833	50000.	3500.	149110844.697	12211.095	11261.	31025.	44150.	48551.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/17/96-10/13/98	12	6.65	7.225	9.6	5.3	1.962	1.401	5.42	6.4	8.525	9.51
00400	PH (STANDARD UNITS)	04/11/96-10/13/98	11	8.1	8.045	8.2	7.4	0.053	0.23	7.52	8.	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	04/11/96-10/13/98	11	8.1	7.966	8.2	7.4	0.06	0.244	7.52	8.	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/96-10/13/98	11	0.008	0.011	0.04	0.006	0.	0.01	0.006	0.006	0.01	0.034
00480	SALINITY - PARTS PER THOUSAND	01/17/96-10/13/98	12	26.5	23.25	29.	2.	60.568	7.783	6.8	20.25	28.75	29.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/17/96-10/13/98	12	25.	24.25	38.	8.	56.932	7.545	11.3	20.	28.75	35.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/17/96-10/13/98	12 ##	0.005	0.016	0.101	0.005	0.001	0.028	0.005	0.005	0.013	0.08
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/17/96-10/13/98	12	0.04	0.064	0.33	0.005	0.008	0.09	0.007	0.01	0.08	0.264
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/96-10/13/98	12	0.744	0.788	1.44	0.367	0.097	0.311	0.37	0.556	1.03	1.326
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/17/96-10/13/98	12	0.01	0.05	0.3	0.005	0.007	0.086	0.005	0.006	0.083	0.24
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/96-10/13/98	10	0.186	0.239	0.512	0.035	0.023	0.153	0.043	0.128	0.371	0.506
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/17/96-10/13/98	12	6.9	6.9	19.	1.4	24.707	4.971	1.73	2.625	8.25	17.05
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/17/96-10/13/98	12	2.	2.208	3.	1.5	0.248	0.498	1.5	2.	2.5	3.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/17/96-10/13/98	12	2.3	3.192	10.6	1.4	6.168	2.484	1.49	1.875	3.8	8.65

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

EPA Water Quality Criteria Analysis for Station: DESO0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
00400	PH	Marine Chronic	8.5	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			

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

Station Inventory for Station: DESO0018

NPS Station ID: DESO0018
LAT/LON: 27.518059/ -82.619171
Agency: 21FLA
Date Created: 07/16/83
Location: MANATEE R.-NORTH OF MARKER ?14?
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 24010338
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 20
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: TAMPA BAY AREA
ECO Region:
RF1 Index: 03100202009
RF1 Mile Point: 3.720
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03100206000101.67
RF3 Mile Point: 5.28
Distance from RF3: 0.02
On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER' RIVER, MANATEE STATION LOCATED IMMEDIATELY NORTH OF MARKER ?14?

Parameter Inventory for Station: DESO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/24/83-03/07/84	781	5.	6.028	22.	0.	20.079	4.481	1.	2.	9.	12.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/83-03/07/84	286	27.7	25.427	32.9	14.5	28.402	5.329	16.7	19.4	29.7	30.7
00064	DEPTH OF STREAM, MEAN (FT)	05/24/83-03/07/84	99	11.6	12.272	22.5	4.4	18.88	4.345	7.	8.7	14.6	19.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/25/83-03/07/84	61	5.	5.222	10.5	2.	3.911	1.978	2.92	3.7	6.7	7.58
00080	COLOR (PLATINUM-COBALT UNITS)	06/28/83-01/19/84	13	25.	37.615	115.	1.	965.256	31.069	5.4	16.	60.	95.
00100	TIME OF TRAVEL (HOURS)	09/21/83-09/21/83	1	27.9	27.9	27.9	27.9	0.	0.	**	**	**	**
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	05/24/83-03/07/84	624	101.65	233.752	2120.	0.	102579.198	320.28	9.	30.	311.5	603.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/83-03/07/84	285	6.9	6.901	10.9	3.3	1.632	1.277	5.3	6.	7.8	8.3
00400	PH (STANDARD UNITS)	05/24/83-03/07/84	274	8.15	8.059	8.5	6.	0.094	0.306	7.6	7.95	8.27	8.33
00400	CONVERTED PH (STANDARD UNITS)	05/24/83-03/07/84	274	8.15	7.822	8.5	6.	0.15	0.387	7.6	7.95	8.27	8.33
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/83-03/07/84	274	0.007	0.015	1.	0.003	0.004	0.061	0.005	0.005	0.011	0.025
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	45	0.52	0.552	1.25	0.16	0.044	0.21	0.322	0.395	0.7	0.792
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	45	0.03	0.05	0.17	0.005	0.002	0.048	0.005	0.01	0.085	0.13
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	45	0.01	0.021	0.07	0.001	0.001	0.023	0.001	0.003	0.04	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	45	0.179	0.19	0.338	0.115	0.003	0.053	0.125	0.154	0.221	0.266
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	29	15.3	17.31	40.1	5.6	87.289	9.343	8.3	9.05	24.45	33.5
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	45	7.9	11.405	42.4	1.12	82.78	9.098	3.56	4.35	15.75	23.42
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	15	3.7	3.633	5.1	2.	0.752	0.867	2.36	3.1	4.4	4.92
70225	CURRENT SPEED (METERS/SEC)	05/24/83-03/07/84	283	0.3	0.522	38.	0.03	5.894	2.428	0.1	0.2	0.5	0.6
70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/24/83-03/07/84	283	283.	212.311	360.	30.	11645.974	107.917	75.	95.	310.	320.
70305	SALINITY BASED ON CONDUCTIVITY	05/24/83-03/07/84	285	27.9	25.997	33.5	0.2	26.646	5.162	18.54	22.9	29.7	30.9
80080	BOD, CARBONACEOUS, 1 DAY, 20 DEG C MG/L	05/25/83-03/07/84	44	0.4	0.47	1.3	0.	0.069	0.263	0.2	0.3	0.6	0.85
80081	BOD, CARBONACEOUS, 3 DAY, 20 DEG C MG/L	05/25/83-03/07/84	45	0.9	1.049	3.8	0.2	0.448	0.669	0.5	0.65	1.1	1.98
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	45	1.1	1.522	5.8	0.6	1.088	1.043	0.7	0.95	1.75	2.74
80083	BOD, CARBONACEOUS, 7 DAY, 20 DEG C MG/L	05/25/83-03/07/84	45	1.5	1.896	6.5	0.8	1.354	1.163	0.8	1.25	2.25	3.1
80084	BOD, CARBONACEOUS, 10 DAY, 20 DEG C MG/L	05/25/83-03/07/84	45	2.	2.349	7.2	1.	1.644	1.282	1.16	1.45	2.75	3.68
80085	BOD, CARBONACEOUS, 12 DAY, 20 DEG C MG/L	05/25/83-03/07/84	45	2.2	2.498	7.5	1.	1.779	1.334	1.32	1.55	2.85	3.94
80086	BOD, CARBONACEOUS, 15 DAY, 20 DEG C MG/L	05/25/83-03/07/84	45	2.5	2.671	7.8	1.	2.025	1.423	1.2	1.7	3.1	4.2
80087	BOD, CARBONACEOUS, 20 DAY, 20 DEG C MG/L	05/25/83-03/07/84	45	2.7	2.913	8.6	1.1	2.368	1.539	1.46	1.8	3.4	4.48

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: DESO0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	285	3	0.01	62	3	0.05	118	0	0.00	105	0	0.00			
00400	PH	Marine Chronic	8.5	274	1	0.00	63	0	0.00	119	0	0.00	92	1	0.01			
		Other-Lo Lim.	6.5	274	1	0.00	63	0	0.00	119	0	0.00	92	1	0.01			

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

Station Inventory for Station: DESO0019

NPS Station ID: DESO0019 LAT/LON: 27.510892/ -82.619337 Agency: 21FLA Date Created: / /
Location: WSB-4 SARASOTA BAY FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): 24010304
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100202 Depth of Water: 0 Aquifer:
Major Basin: SOUTH-EAST Elevation: 0 Water Body Id:
Minor Basin: TAMPA BAY AREA ECO Region:
RF1 Index: 03100202008 RF1 Mile Point: 3.010 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 03100202080500.04 RF3 Mile Point: 0.07 Distance from RF3: 0.02 On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER: BAYOU, WEST WARNER, TO SARASOTA BAY SARASOTA BAY-WEST WARNER BAYOU BRIDGE
SAMPLE TAKEN ON NORTH SIDE OF BRIDGE LOCATED ON RIVERVIEW BLVD W

Parameter Inventory for Station: DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	219	0.	0.08	5.	0.	0.252	0.502	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	172	24.05	23.184	32.9	7.	29.423	5.424	15.65	19.	27.5	29.9
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	160	7.	7.963	30.	0.	40.124	6.334	0.	5.	10.	15.
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	166	8.3	8.225	9.51	6.3	0.148	0.385	7.767	8.	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	166	8.3	7.936	9.51	6.3	0.233	0.482	7.767	8.	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	166	0.005	0.012	0.501	0.	0.002	0.04	0.003	0.003	0.01	0.017
00403	PH, LAB, STANDARD UNITS SU	09/08/87-12/15/87	4	7.8	7.55	8.	6.6	0.437	0.661	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/08/87-12/15/87	4	7.755	7.13	8.	6.6	0.672	0.819	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/08/87-12/15/87	4	0.018	0.074	0.251	0.01	0.014	0.118	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/12/67-10/10/67	4	24.5	24.875	27.4	23.1	3.936	1.984	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	215	130.	564.756	3500.	0.2	703188.908	838.564	7.	22.	540.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	215	2.114	2.055	3.544	-0.699	0.923	0.961	0.845	1.342	2.732	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			113.563								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	69	23.	196.942	2400.	1.	221098.85	470.211	2.	7.	130.	540.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	69	1.362	1.49	3.38	0.	0.798	0.893	0.301	0.845	2.114	2.732
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			30.884								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	196	33.	238.964	2400.	1.	285877.706	534.675	2.	8.	162.5	920.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	196	1.519	1.57	3.38	0.	0.781	0.883	0.301	0.903	2.209	2.964
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			37.142								

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

EPA Water Quality Criteria Analysis for Station: DESO0019

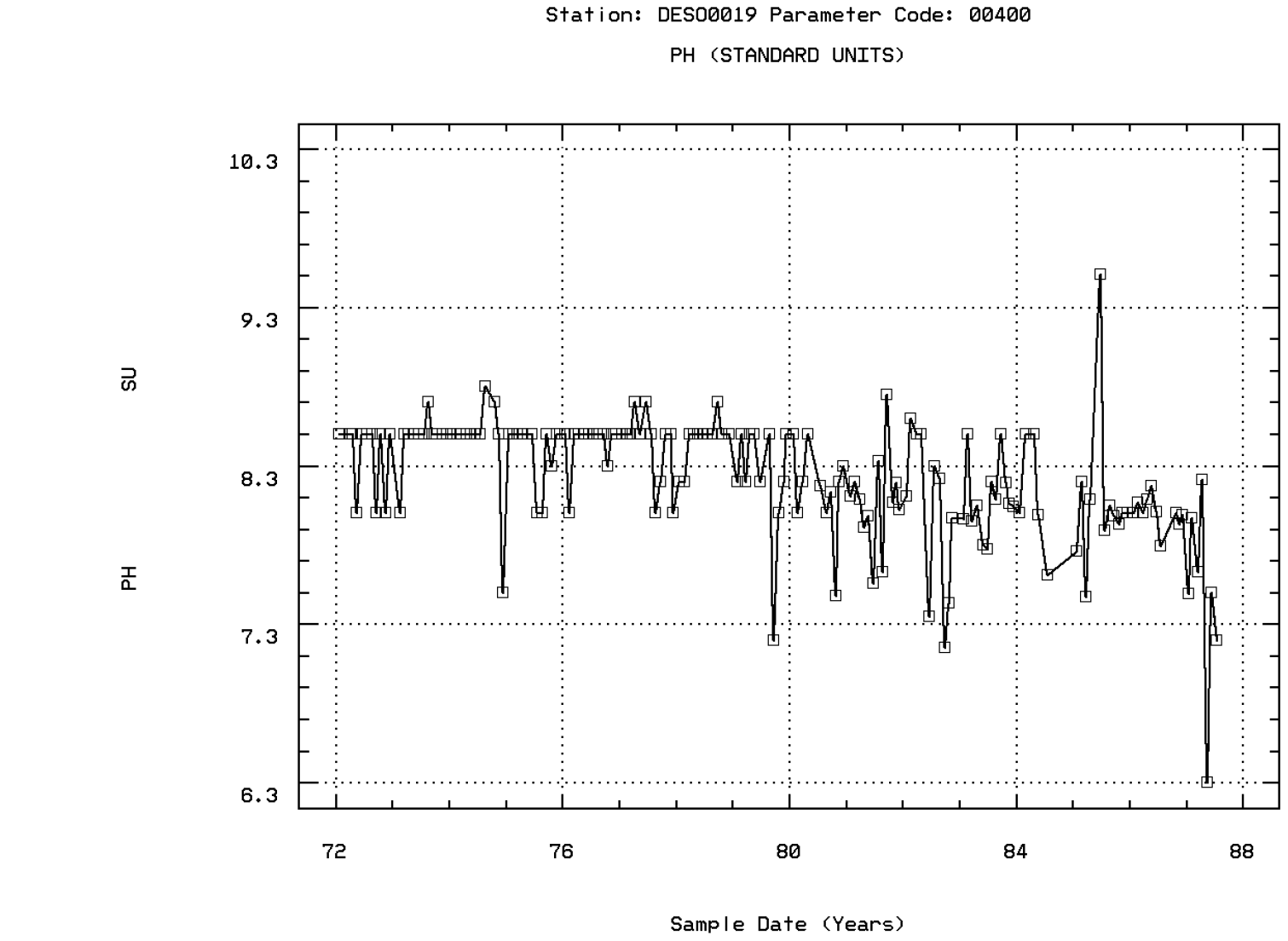
				Total	Exceed	Prop.	----------8/01-10/19----------			----------10/20-4/30----------			----------5/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	166	1	0.01	28	0	0.00	97	0	0.00	41	1	0.02			
		Other-Lo Lim.	6.5	166	1	0.01	28	0	0.00	97	0	0.00	41	1	0.02			
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	1	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	3	0	0.00						

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

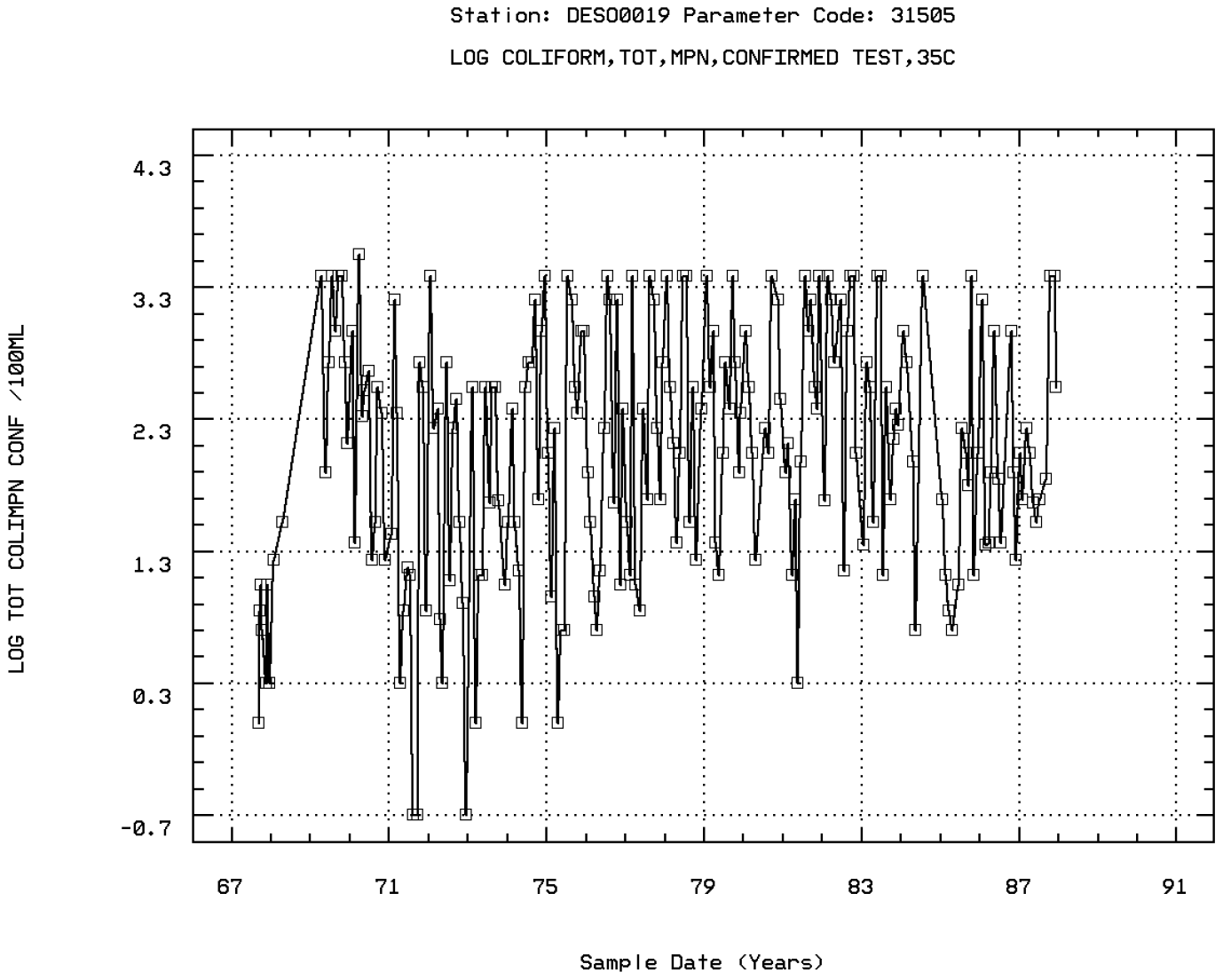
EPA Water Quality Criteria Analysis for Station: DESO0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	215	40	0.19	41	11	0.27	122	19	0.16	52	10	0.19			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	69	14	0.20	14	4	0.29	37	8	0.22	18	2	0.11			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	196	45	0.23	35	14	0.40	112	22	0.20	49	9	0.18			

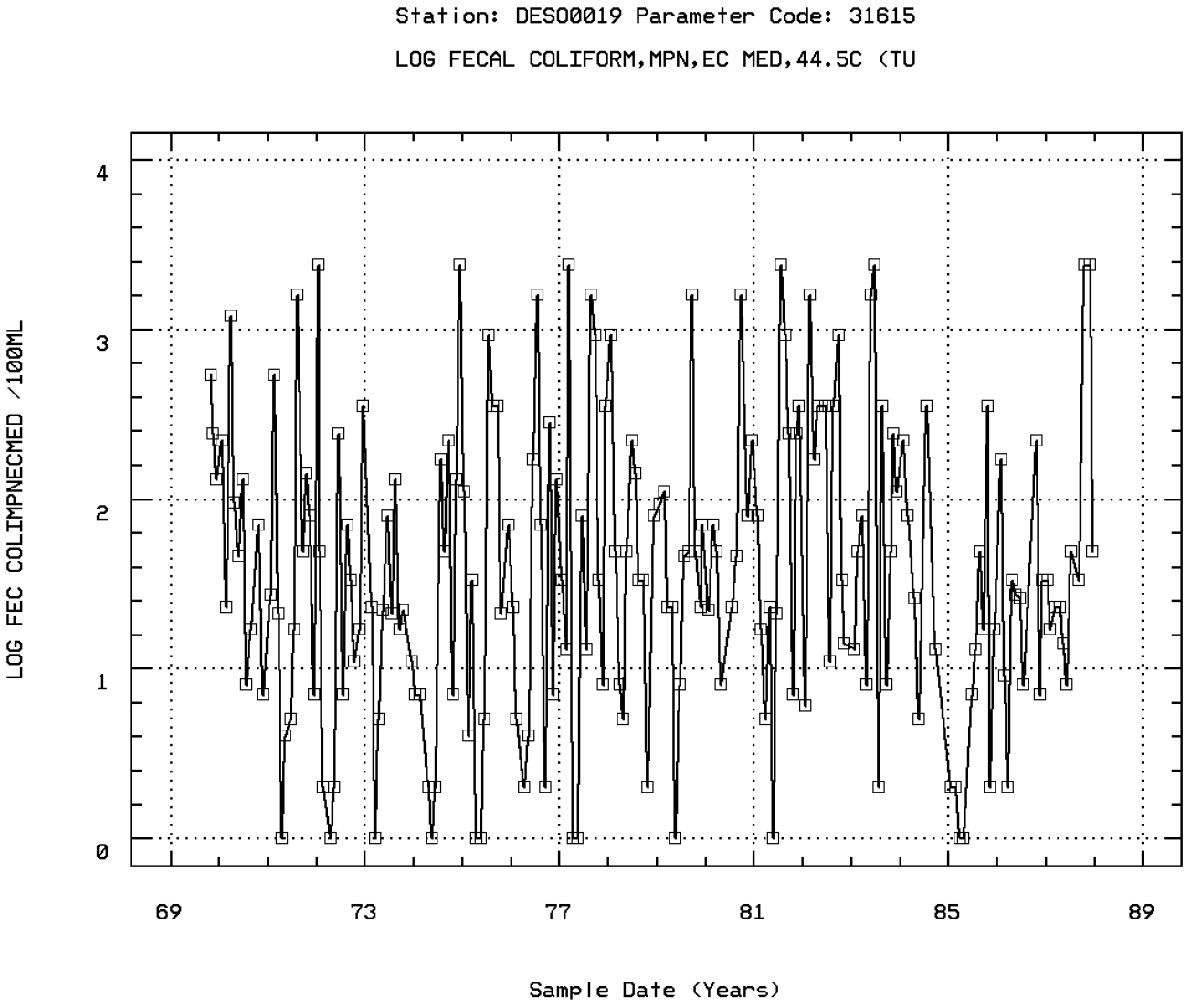
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



WSB-4 SARASOTA BAY



WSB-4 SARASOTA BAY



WSB-4 SARASOTA BAY

Annual Analysis for 1967 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	7	5.	5.571	11.	1.	17.952	4.237	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	7	0.699	0.604	1.041	0.	0.166	0.408	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.019								

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

Annual Analysis for 1968 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	2	25.	25.	33.	17.	128.	11.314	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	2	1.374	1.374	1.519	1.23	0.041	0.204	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.685								

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

Annual Analysis for 1969 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	9	920.	1312.111	2400.	79.	1124752.611	1060.544	79.	335.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	9	2.964	2.885	3.38	1.898	0.325	0.57	1.898	2.423	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			766.575								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	3	240.	303.333	540.	130.	45033.333	212.211	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	3	2.38	2.409	2.732	2.114	0.096	0.31	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			256.36								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	3	240.	303.333	540.	130.	45033.333	212.211	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	3	2.38	2.409	2.732	2.114	0.096	0.31	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			256.36								

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

Annual Analysis for 1970 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	220.	552.727	3500.	17.	1027351.418	1013.583	17.	23.	460.	2984.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	2.342	2.204	3.544	1.23	0.591	0.769	1.23	1.362	2.663	3.428
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			159.788								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	58.	181.6	1200.	7.	132498.489	364.003	7.1	14.75	152.5	1102.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	1.754	1.736	3.079	0.845	0.475	0.689	0.851	1.149	2.171	3.006
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			54.469								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	58.	181.6	1200.	7.	132498.489	364.003	7.1	14.75	152.5	1102.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	1.754	1.736	3.079	0.845	0.475	0.689	0.851	1.149	2.171	3.006
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			54.469								

** - 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 1971 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.417	5.	0.	2.083	1.443	0.	0.	0.	3.5
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	14.	231.783	1600.	0.2	216276.629	465.056	0.2	3.25	317.5	1282.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	1.145	1.261	3.204	-0.699	1.615	1.271	-0.699	0.437	2.494	3.063
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.259								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	12	24.	207.5	1600.	1.	214974.273	463.653	1.9	5.5	124.75	1282.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	12	1.377	1.483	3.204	0.	0.842	0.918	0.181	0.736	2.084	3.063
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			30.436								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	24.	207.5	1600.	1.	214974.273	463.653	1.9	5.5	124.75	1282.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	1.377	1.483	3.204	0.	0.842	0.918	0.181	0.736	2.084	3.063
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.436								

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Annual Analysis for 1972 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	13	0.	0.385	5.	0.	1.923	1.387	0.	0.	0.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	25.	22.273	28.	13.	27.618	5.255	13.4	18.	26.	27.8
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	6	5.	5.833	10.	5.	4.167	2.041	**	**	**	**
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	11	8.5	8.364	8.5	8.	0.055	0.234	8.	8.	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	11	8.5	8.299	8.5	8.	0.059	0.243	8.	8.	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	11	0.003	0.005	0.01	0.003	0.	0.003	0.003	0.003	0.01	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	13	170.	481.631	2400.	0.2	749262.539	865.6	0.92	7.	410.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	13	2.23	1.743	3.38	-0.699	1.491	1.221	-0.299	0.841	2.59	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.365								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	12	25.	265.167	2400.	1.	464108.879	681.255	1.3	3.25	197.5	1785.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	12	1.374	1.423	3.38	0.	1.029	1.015	0.09	0.437	2.246	3.129
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			26.492								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	25.	265.167	2400.	1.	464108.879	681.255	1.3	3.25	197.5	1785.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	1.374	1.423	3.38	0.	1.029	1.015	0.09	0.437	2.246	3.129
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.492								

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Annual Analysis for 1973 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	26.	23.636	30.	11.	42.805	6.543	11.4	20.	29.5	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	9	5.	6.333	15.	0.	36.75	6.062	0.	0.	12.5	15.
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	11	8.5	8.473	8.7	8.	0.028	0.168	8.1	8.5	8.5	8.66
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	11	8.5	8.434	8.7	8.	0.03	0.173	8.1	8.5	8.5	8.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	11	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.003	0.009
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	10	47.	153.2	350.	1.	28908.622	170.025	2.	12.5	350.	350.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	10	1.672	1.679	2.544	0.	0.762	0.873	0.104	1.096	2.544	2.544
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.748								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	21.5	33.1	130.	1.	1617.656	40.22	1.4	9.5	37.	124.9
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	1.332	1.235	2.114	0.	0.345	0.588	0.07	0.956	1.496	2.092
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			17.184								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	21.5	33.1	130.	1.	1617.656	40.22	1.4	9.5	37.	124.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	1.332	1.235	2.114	0.	0.345	0.588	0.07	0.956	1.496	2.092
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.184								

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Annual Analysis for 1974 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	23.5	23.458	30.	16.	21.248	4.61	16.75	19.25	27.	29.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	10	7.5	7.1	15.	0.	17.433	4.175	0.3	4.5	10.	14.5
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	10	8.5	8.45	8.8	7.5	0.123	0.35	7.6	8.5	8.55	8.79
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	10	8.5	8.242	8.8	7.5	0.171	0.414	7.6	8.5	8.55	8.79
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	10	0.003	0.006	0.032	0.002	0.	0.009	0.002	0.003	0.003	0.029
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	295.	560.	2400.	1.	561025.091	749.016	4.9	33.	825.	2160.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.462	2.151	3.38	0.	0.983	0.991	0.344	1.519	2.906	3.327
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			141.54								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	7.	272.273	2400.	1.	504130.018	710.021	1.2	2.	170.	1964.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	0.845	1.354	3.38	0.	1.137	1.066	0.06	0.301	2.23	3.173
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			22.597								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	7.	272.273	2400.	1.	504130.018	710.021	1.2	2.	170.	1964.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	0.845	1.354	3.38	0.	1.137	1.066	0.06	0.301	2.23	3.173
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.597								

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Annual Analysis for 1975 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	23.	22.818	30.	15.	28.764	5.363	15.2	16.	28.	29.6
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	9	10.	11.111	25.	5.	29.861	5.465	5.	10.	10.	25.
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	11	8.5	8.391	8.5	8.	0.041	0.202	8.	8.3	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	11	8.5	8.34	8.5	8.	0.044	0.209	8.	8.3	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	11	0.003	0.005	0.01	0.003	0.	0.003	0.003	0.003	0.005	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	195.	559.167	2400.	1.	588438.515	767.097	2.2	6.	920.	2160.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.286	2.002	3.38	0.	1.287	1.135	0.21	0.763	2.964	3.327
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			100.431								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	33.	169.545	920.	1.	79377.073	281.739	1.	4.	350.	806.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	1.519	1.462	2.964	0.	1.07	1.034	0.	0.602	2.544	2.88
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			28.962								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	33.	169.545	920.	1.	79377.073	281.739	1.	4.	350.	806.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	1.519	1.462	2.964	0.	1.07	1.034	0.	0.602	2.544	2.88
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.962								

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Annual Analysis for 1976 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	22.	22.917	30.	12.	29.356	5.418	13.8	20.	28.5	29.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	12	10.	10.25	18.	1.	23.295	4.827	2.2	8.	15.	17.1
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	12	8.5	8.442	8.5	8.	0.023	0.151	8.09	8.5	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	12	8.5	8.41	8.5	8.	0.024	0.154	8.09	8.5	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	12	0.003	0.004	0.01	0.003	0.	0.002	0.003	0.003	0.003	0.009
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	62.5	517.25	2400.	5.	705981.659	840.227	6.2	11.75	1260.	2160.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	1.78	1.943	3.38	0.699	0.887	0.942	0.776	1.068	2.998	3.327
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			87.746								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	23.	208.455	1600.	2.	221174.073	470.291	2.	4.	170.	1336.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	1.362	1.45	3.204	0.301	0.957	0.978	0.301	0.602	2.23	3.053
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.188								

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Annual Analysis for 1977 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	23.5	22.333	30.	11.	39.879	6.315	11.6	17.5	27.	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	12	2.	4.167	16.	0.	28.697	5.357	0.	0.	9.	14.2
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	12	8.5	8.425	8.7	8.	0.055	0.234	8.	8.275	8.5	8.7
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	12	8.5	8.36	8.7	8.	0.059	0.244	8.	8.275	8.5	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	12	0.003	0.004	0.01	0.002	0.	0.003	0.002	0.003	0.006	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	109.5	626.	2400.	7.	887438.	942.039	8.2	18.	1335.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	1.96	2.101	3.38	0.845	0.849	0.921	0.904	1.215	3.086	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			126.06								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	33.	454.25	2400.	1.	620146.023	787.494	1.	9.25	777.5	2160.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	1.519	1.68	3.38	0.	1.327	1.152	0.	0.956	2.859	3.327
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			47.843								

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Annual Analysis for 1978 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	24.5	23.773	29.5	15.5	30.818	5.551	15.9	17.5	29.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	11	6.	4.909	8.	0.	8.291	2.879	0.	4.	8.	8.
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	11	8.5	8.464	8.7	8.2	0.021	0.143	8.2	8.5	8.5	8.66
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	11	8.5	8.44	8.7	8.2	0.021	0.145	8.2	8.5	8.5	8.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	11	0.003	0.004	0.006	0.002	0.	0.001	0.002	0.003	0.003	0.006
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	240.	768.455	2400.	17.	1111776.073	1054.408	18.2	33.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	2.38	2.352	3.38	1.23	0.633	0.796	1.257	1.519	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			225.047								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	49.	139.818	920.	2.	71267.364	266.959	2.6	8.	140.	780.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	1.69	1.606	2.964	0.301	0.581	0.762	0.381	0.903	2.146	2.84
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			40.402								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	23.5	22.708	29.5	12.5	32.794	5.727	13.4	17.875	28.25	29.35
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	11	8.	6.636	15.	0.	20.055	4.478	0.	4.	10.	14.
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	11	8.2	8.227	8.5	7.2	0.148	0.385	7.36	8.2	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	11	8.2	7.984	8.5	7.2	0.213	0.462	7.36	8.2	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	11	0.006	0.01	0.063	0.003	0.	0.018	0.003	0.003	0.006	0.052
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	295.	652.917	2400.	13.	734685.174	857.138	16.	86.75	825.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.462	2.406	3.38	1.114	0.509	0.713	1.188	1.934	2.906	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			254.604								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	47.5	174.667	1600.	1.	202573.152	450.081	3.1	23.	88.	1153.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	1.676	1.591	3.204	0.	0.564	0.751	0.271	1.362	1.941	2.855
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			39.018								

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

Annual Analysis for 1980 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	23.	22.35	28.5	12.	32.836	5.73	12.3	17.625	28.125	28.5
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	10	6.	5.3	15.	0.	20.9	4.572	0.	0.	6.5	14.3
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	10	8.185	8.148	8.5	7.48	0.085	0.292	7.532	8.	8.35	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	10	8.185	8.04	8.5	7.48	0.098	0.313	7.532	8.	8.35	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	10	0.007	0.009	0.033	0.003	0.	0.009	0.003	0.005	0.01	0.031
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	9	280.	661.889	2400.	17.	684727.111	827.482	17.	110.	1260.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	9	2.447	2.454	3.38	1.23	0.447	0.669	1.23	2.041	3.084	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			284.23								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	9	49.	235.222	1600.	8.	265896.194	515.651	8.	22.5	149.5	1600.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	9	1.69	1.805	3.204	0.903	0.439	0.663	0.903	1.352	2.12	3.204
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			63.899								

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Annual Analysis for 1981 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	25.25	24.058	31.	12.	32.404	5.692	13.65	20.15	29.25	30.85
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	12	10.	9.667	20.	0.	24.061	4.905	1.5	7.	10.	18.5
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	12	8.08	8.07	8.75	7.56	0.096	0.309	7.581	7.928	8.198	8.624
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	12	8.08	7.976	8.75	7.56	0.105	0.325	7.581	7.927	8.198	8.624
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	12	0.008	0.011	0.028	0.002	0.	0.008	0.003	0.006	0.012	0.026
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	185.	689.75	2400.	2.	857453.659	925.988	5.3	56.5	1430.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.247	2.245	3.38	0.301	0.882	0.939	0.545	1.742	3.144	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			175.876								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	51.	358.583	2400.	1.	482608.265	694.7	2.2	9.5	322.5	1956.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	1.63	1.75	3.38	0.	1.015	1.008	0.21	0.941	2.503	3.255
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			56.284								

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

Annual Analysis for 1982 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	23.25	24.	31.	18.	27.944	5.286	18.	19.125	29.5	31.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	9	7.	6.889	20.	0.	36.361	6.03	0.	2.	9.	20.
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	10	8.165	8.013	8.6	7.15	0.276	0.525	7.17	7.41	8.5	8.59
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	10	8.162	7.719	8.6	7.15	0.372	0.61	7.17	7.41	8.5	8.59
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	10	0.007	0.019	0.071	0.003	0.001	0.024	0.003	0.003	0.039	0.068
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	10	1260.	1203.2	2400.	14.	1008410.844	1004.197	17.4	94.5	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	10	3.084	2.711	3.38	1.146	0.65	0.806	1.2	1.951	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			514.496								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	260.	380.4	1600.	6.	261911.156	511.773	6.5	13.25	492.5	1532.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	2.387	2.051	3.204	0.778	0.741	0.861	0.804	1.12	2.649	3.18
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			112.583								

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Annual Analysis for 1983 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	12	22.5	22.583	30.	16.	23.72	4.87	16.3	18.	26.75	29.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	12	6.	7.333	20.	0.	42.97	6.555	0.	1.	13.75	18.5
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	12	8.055	8.092	8.5	7.77	0.053	0.231	7.779	7.953	8.198	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	12	8.055	8.042	8.5	7.77	0.056	0.237	7.779	7.953	8.198	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	12	0.009	0.009	0.017	0.003	0.	0.004	0.003	0.006	0.011	0.017
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	12	210.	559.75	2400.	13.	764591.114	874.409	15.7	37.	492.5	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	12	2.318	2.252	3.38	1.114	0.541	0.736	1.182	1.561	2.685	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			178.774								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	64.	409.	2400.	2.	592379.273	769.662	3.8	9.25	322.5	2160.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	12	1.794	1.837	3.38	0.301	0.887	0.942	0.482	0.956	2.503	3.327
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			68.775								

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Annual Analysis for 1984 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	5	25.	21.8	26.	16.	23.7	4.868	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	5	8.	10.8	30.	0.	129.2	11.367	**	**	**	**
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	5	8.	8.12	8.5	7.61	0.145	0.381	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	5	8.	7.991	8.5	7.61	0.166	0.407	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	5	0.01	0.01	0.025	0.003	0.	0.009	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	5	540.	791.8	2400.	5.	943031.2	971.098	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	5	2.732	2.35	3.38	0.699	1.113	1.055	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			223.717								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	6	52.5	115.5	350.	5.	19593.9	139.978	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	6	1.656	1.669	2.544	0.699	0.517	0.719	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			46.63								

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Annual Analysis for 1985 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	11	25.8	23.927	31.	7.	51.038	7.144	8.8	21.9	29.9	30.88
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	11	7.	11.364	30.	3.	87.055	9.33	3.	5.	20.	29.
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	11	8.	8.08	9.51	7.47	0.262	0.511	7.528	7.89	8.09	9.248
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	11	8.	7.927	9.51	7.47	0.287	0.536	7.528	7.89	8.09	9.248
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	11	0.01	0.012	0.034	0.	0.	0.008	0.002	0.008	0.013	0.031
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	49.	268.273	2400.	5.	502833.018	709.107	5.4	11.	110.	1954.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	1.69	1.636	3.38	0.699	0.616	0.785	0.728	1.041	2.041	3.15
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			43.254								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	7.	41.909	350.	1.	10639.091	103.146	1.	2.	17.	289.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	0.845	0.869	2.544	0.	0.628	0.792	0.	0.301	1.23	2.373
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.393								

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Annual Analysis for 1986 - Station DESO0019

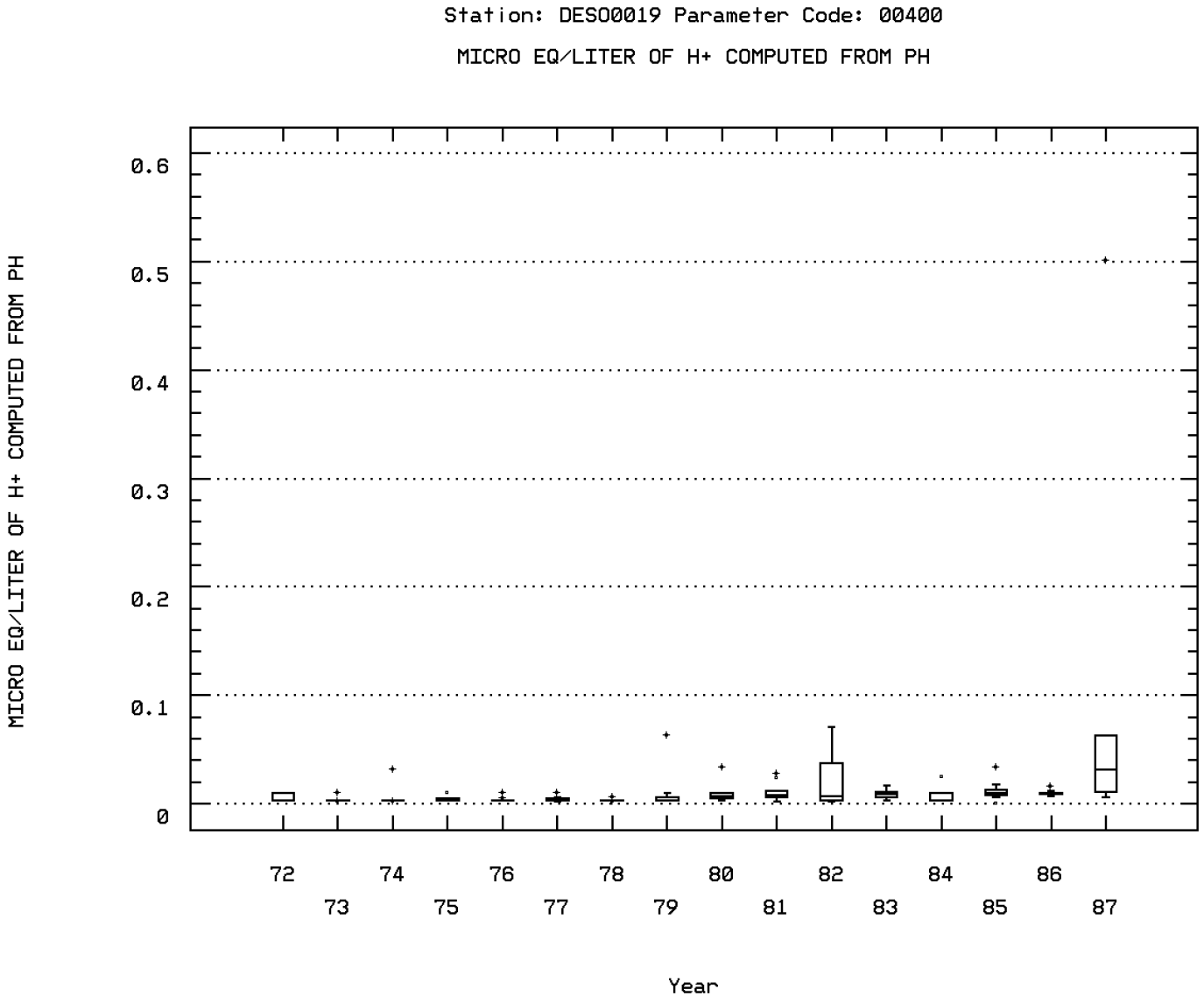
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	25.05	23.49	29.9	11.	33.03	5.747	11.7	19.8	27.7	29.77
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	10	6.	10.7	30.	5.	83.789	9.154	5.	5.	13.75	29.5
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	10	8.	8.005	8.17	7.79	0.01	0.1	7.804	7.975	8.075	8.162
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	10	8.	7.994	8.17	7.79	0.01	0.101	7.804	7.975	8.075	8.162
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	10	0.01	0.01	0.016	0.007	0.	0.003	0.007	0.008	0.011	0.016
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	10	74.5	375.3	1600.	17.	318168.011	564.064	17.5	22.75	920.	1532.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	10	1.871	2.007	3.204	1.23	0.577	0.76	1.242	1.357	2.964	3.18
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			101.587								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	26.5	53.5	220.	2.	5828.722	76.346	2.5	7.75	67.25	215.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	10	1.423	1.346	2.342	0.301	0.393	0.627	0.355	0.889	1.696	2.331
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.18								

** - 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 DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	11	0.5	0.591	1.	0.	0.141	0.375	0.	0.5	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	10	24.5	24.29	32.9	15.4	24.73	4.973	15.83	20.6	27.7	32.44
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	11	8.	9.636	30.	5.	55.655	7.46	5.	5.	10.	27.
00400p	PH (STANDARD UNITS)	01/23/72-07/13/87	7	7.5	7.471	8.21	6.3	0.378	0.615	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	7	7.5	7.02	8.21	6.3	0.616	0.785	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	7	0.032	0.096	0.501	0.006	0.032	0.18	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	11	110.	526.091	2400.	33.	866401.891	930.807	35.6	49.	350.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	11	2.041	2.184	3.38	1.519	0.435	0.66	1.547	1.69	2.544	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			152.772								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	33.	459.	2400.	8.	921109.6	959.745	9.2	17.	49.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	11	1.519	1.744	3.38	0.903	0.708	0.842	0.952	1.23	1.69	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			55.427								

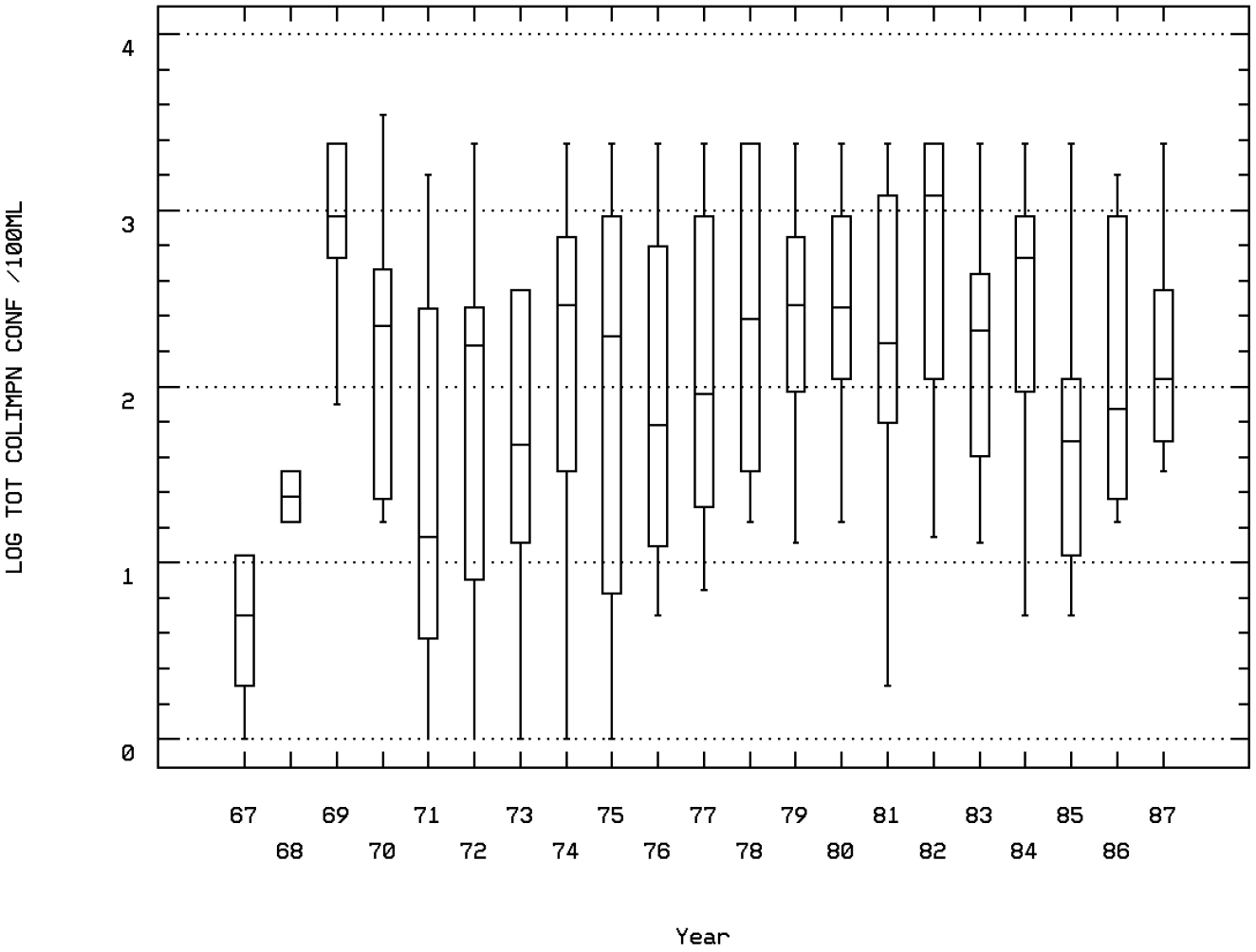
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



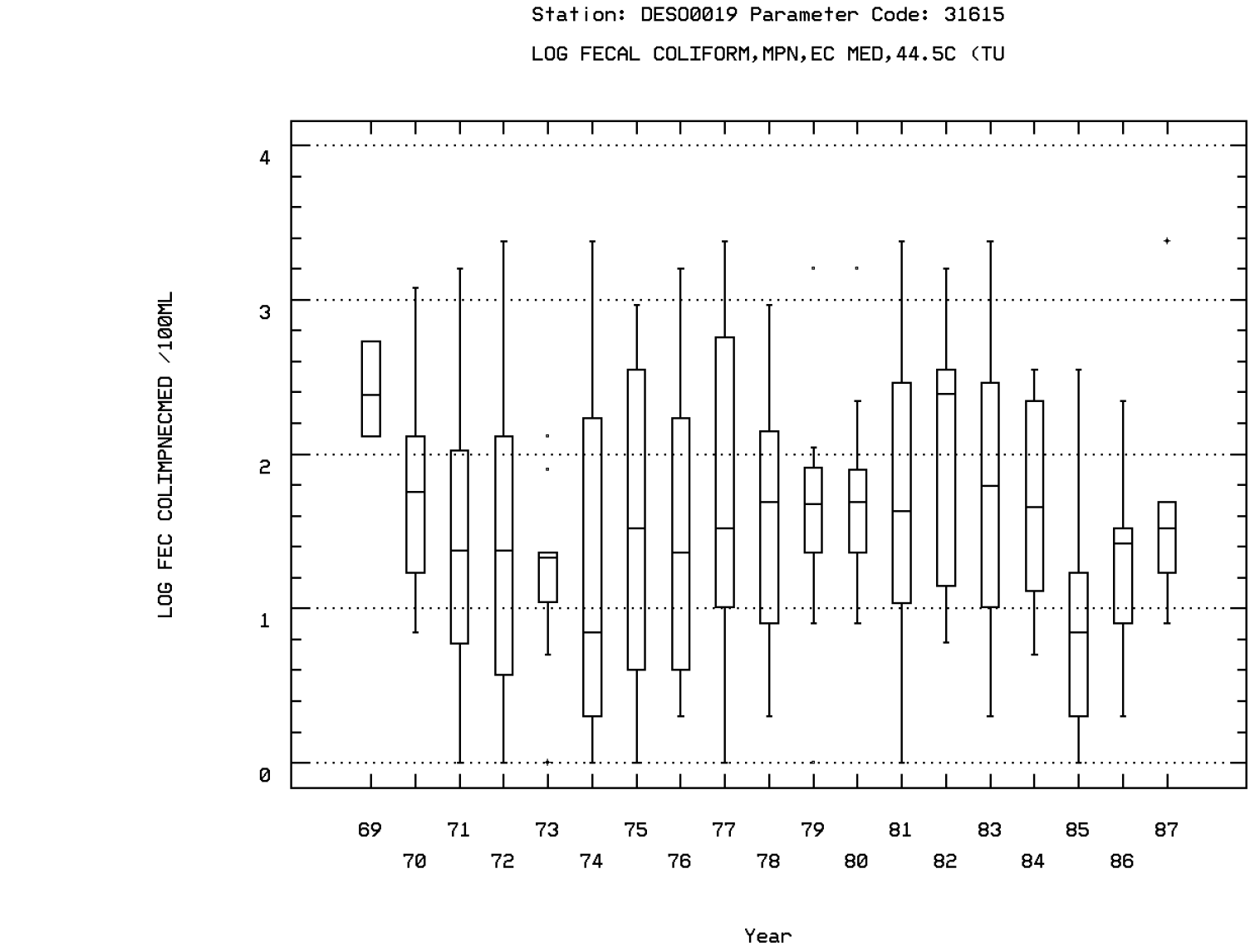
WSB-4 SARASOTA BAY

Station: DESO0019 Parameter Code: 31505

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



WSB-4 SARASOTA BAY



WSB-4 SARASOTA BAY

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	42	0.	0.131	5.	0.	0.598	0.773	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	30	28.	27.92	31.	21.	3.975	1.994	25.1	27.	29.125	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	29	5.	7.034	30.	0.	51.82	7.199	0.	3.	10.	18.
00400	PH (STANDARD UNITS)	01/23/72-07/13/87	28	8.4	8.246	8.8	7.15	0.174	0.417	7.587	8.	8.5	8.705
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	28	8.389	7.987	8.8	7.15	0.243	0.493	7.587	8.	8.5	8.705
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	28	0.004	0.01	0.071	0.002	0.	0.017	0.002	0.003	0.01	0.027
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	41	350.	703.644	2400.	0.2	698148.717	835.553	5.4	47.	1600.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	41	2.544	2.227	3.38	-0.699	1.143	1.069	0.728	1.672	3.204	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			168.671								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	14	59.5	218.429	1600.	11.	171839.956	414.536	14.	20.75	252.5	975.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	14	1.768	1.892	3.204	1.041	0.386	0.621	1.136	1.314	2.393	2.874
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			77.925								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	35	70.	348.314	1600.	2.	272687.81	522.195	12.2	33.	350.	1600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	35	1.845	1.997	3.204	0.301	0.581	0.762	1.085	1.519	2.544	3.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			99.312								

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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	125	0.	0.036	1.	0.	0.029	0.17	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	100	20.	19.654	26.9	7.	17.978	4.24	13.	17.	23.	25.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	94	8.	8.755	30.	0.	42.316	6.505	0.	5.	10.	15.5
00400	PH (STANDARD UNITS)	01/23/72-07/13/87	97	8.2	8.239	8.7	7.43	0.09	0.3	7.93	8.	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	97	8.2	8.119	8.7	7.43	0.104	0.323	7.93	8.	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	97	0.006	0.008	0.037	0.002	0.	0.007	0.003	0.003	0.01	0.012
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	122	130.	517.83	3500.	0.2	668905.027	817.866	8.3	22.	540.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	122	2.114	2.038	3.544	-0.699	0.832	0.912	0.918	1.342	2.732	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			109.189								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	37	23.	239.216	2400.	1.	325895.285	570.872	1.	7.	130.	672.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	37	1.362	1.481	3.38	0.	0.909	0.953	0.	0.845	2.114	2.802
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			30.302								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	112	30.	208.214	2400.	1.	275741.828	525.111	2.	7.	110.	350.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	112	1.475	1.511	3.38	0.	0.735	0.857	0.301	0.845	2.041	2.544
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			32.47								

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/15/87	52	0.	0.144	5.	0.	0.513	0.716	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-12/15/87	42	28.3	28.207	32.9	25.	3.841	1.96	26.	26.	30.	30.85
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/15/87	37	6.	6.676	25.	0.	23.559	4.854	0.	4.	10.	10.
00400	PH (STANDARD UNITS)	01/23/72-07/13/87	41	8.33	8.179	9.51	6.3	0.275	0.524	7.512	7.935	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-07/13/87	41	8.33	7.658	9.51	6.3	0.552	0.743	7.512	7.935	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-07/13/87	41	0.005	0.022	0.501	0.	0.006	0.078	0.003	0.003	0.012	0.031
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/15/87	52	86.5	565.346	2400.	1.	795282.584	891.786	5.	13.	540.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/15/87	52	1.935	1.96	3.38	0.	0.969	0.985	0.699	1.114	2.732	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			91.158								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	18	12.5	93.333	920.	1.	47221.176	217.304	1.	3.5	91.75	308.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	18	1.067	1.194	2.964	0.	0.747	0.865	0.	0.527	1.952	2.439
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			15.636								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	49	21.	231.143	2400.	1.	319583.625	565.317	1.	5.	135.	920.

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

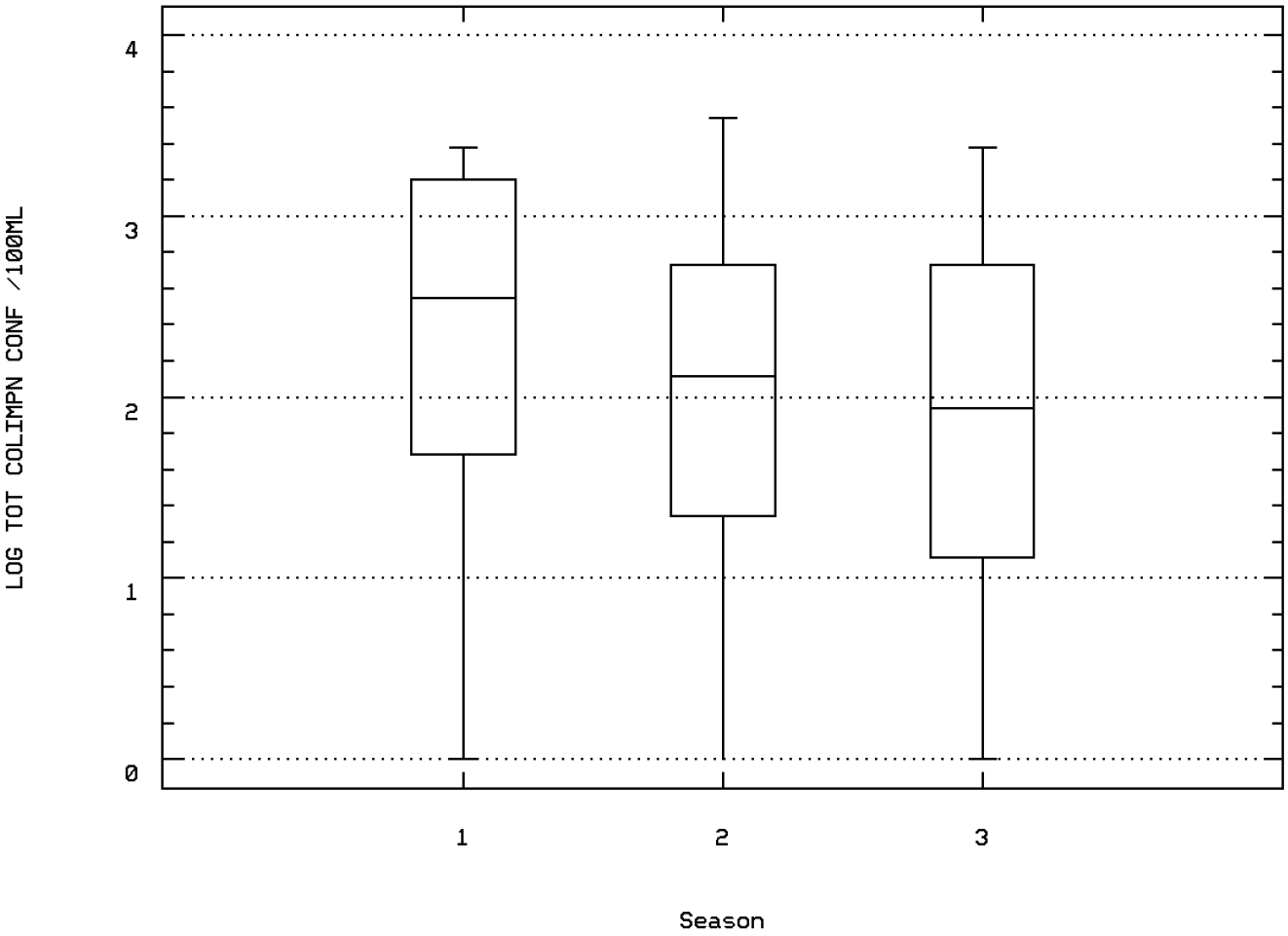
Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/15/87	49	1.322	1.398	3.38	0.	0.889	0.943	0.	0.699	2.13	2.964
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.016								

** - Less than 9 observations ## - Computed 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: DESO0019 Parameter Code: 31505

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



WSB-4 SARASOTA BAY

Station Inventory for Station: DESO0020

NPS Station ID: DESO0020
LAT/LON: 27.510004/ -82.621393
Agency: 112WRD
Date Created: 11/18/75
Location: TAMPA BAY,FLA Q'-16.5 HX
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 273036082371700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03100202000801.77
RF3 Mile Point: 2.25
Distance from RF3: 0.32
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/20/71-10/20/71	3	3.	3.	5.	1.	4.	2.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/71-10/20/71	3	26.2	26.4	27.	26.	0.28	0.529	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/20/71-10/20/71	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/71-10/20/71	3	33800.	33333.333	34300.	31900.	1603333.333	1266.228	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/20/71-10/20/71	3	8.2	8.167	8.2	8.1	0.003	0.058	**	**	**	**
00400	PH (STANDARD UNITS)	10/20/71-10/20/71	3	8.3	8.3	8.4	8.2	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/20/71-10/20/71	3	8.3	8.292	8.4	8.2	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/71-10/20/71	3	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/20/71-10/20/71	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/20/71-10/20/71	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/71-10/20/71	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/71-10/20/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/20/71-10/20/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/20/71-10/20/71	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/71-10/20/71	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	10/20/71-10/20/71	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	10/20/71-10/20/71	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	10/20/71-10/20/71	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/20/71-10/20/71	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/20/71-10/20/71	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/20/71-10/20/71	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	10/20/71-10/20/71	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/20/71-10/20/71	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/71-10/20/71	3	12700.	12566.667	12900.	12100.	173333.333	416.333	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/71-10/20/71	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/20/71-10/20/71	1	0.97	0.97	0.97	0.97	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/20/71-10/20/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/20/71-10/20/71	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DESO0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 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.	3	0	0.00				3	0	0.00						
00400	PH	Marine Chronic	8.5	3	0	0.00				3	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00				3	0	0.00						

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

Station Inventory for Station: DESO0021

NPS Station ID: DESO0021
LAT/LON: 27.559503/ -82.627171
Agency: 21FLA
Date Created: 10/04/97
Location: Rattlesnake Key Shoreline
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 48100SEAS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	117	0.5	0.526	2.	0.5	0.038	0.195	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	114	25.3	24.938	33.8	13.4	25.864	5.086	18.1	20.35	29.55	31.
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	111	10.	11.27	25.	1.	32.526	5.703	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	107	7.1	7.039	9.2	2.7	1.413	1.189	5.58	6.3	7.9	8.52
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	108	8.2	8.127	8.5	7.6	0.047	0.218	7.8	8.	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	108	8.2	8.067	8.5	7.6	0.051	0.226	7.8	8.	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	108	0.006	0.009	0.025	0.003	0.	0.005	0.004	0.005	0.01	0.016
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	115	1.	5.365	79.	1.	161.936	12.725	1.	1.	5.	11.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	115	0.	0.294	1.898	0.	0.241	0.491	0.	0.	0.699	1.041
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.969								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	109	30.2	30.089	34.5	20.5	6.822	2.612	26.9	28.4	32.	33.5
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	117	2.	2.026	4.	1.	0.111	0.334	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	115	10.	17.039	280.	0.2	974.755	31.221	0.76	4.6	18.	32.4

** - 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: DESO0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	107	2	0.02	23	0	0.00	56	1	0.02	28	1	0.04			
00403	PH, LAB	Marine Chronic	8.5	108	1	0.01	22	0	0.00	57	0	0.00	29	1	0.03			
		Other-Lo Lim.	6.5	108	0	0.00	22	0	0.00	57	0	0.00	29	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	115	5	0.04	24	1	0.04	61	4	0.07	30	0	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 1990 - Station DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	8	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	7	29.1	26.357	31.6	16.	33.206	5.762	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	8	10.	11.25	20.	5.	41.071	6.409	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	7	6.3	6.2	8.4	4.8	1.703	1.305	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	8	8.25	8.288	8.4	8.2	0.01	0.099	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	8	8.247	8.278	8.4	8.2	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	8	0.006	0.005	0.006	0.004	0.	0.001	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	8	1.	3.	13.	1.	18.286	4.276	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	8	0.	0.227	1.114	0.	0.188	0.434	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.685								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	7	30.1	29.943	31.8	27.7	2.09	1.446	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	8	2.	2.5	4.	2.	0.857	0.926	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	8	15.	14.875	26.	6.	34.125	5.842	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	11	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	11	25.5	24.964	31.5	16.9	31.201	5.586	17.2	20.2	31.	31.42
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	10	10.	9.4	20.	1.	35.156	5.929	1.4	5.	12.	19.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	8	6.7	6.525	8.9	4.3	1.942	1.394	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	11	8.3	8.273	8.4	8.	0.016	0.127	8.04	8.2	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	11	8.3	8.255	8.4	8.	0.017	0.129	8.04	8.2	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	11	0.005	0.006	0.01	0.004	0.	0.002	0.004	0.004	0.006	0.009
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	11	1.	10.455	79.	1.	560.073	23.666	1.	1.	5.	67.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	11	0.	0.36	1.898	0.	0.452	0.672	0.	0.	0.699	1.79
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.29								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	11	29.	28.864	30.5	27.3	1.145	1.07	27.32	27.9	29.9	30.44
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	11	2.	2.091	3.	2.	0.091	0.302	2.	2.	2.	2.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	11	16.	15.182	27.	8.	30.564	5.528	8.4	10.	18.	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 box-and-whisker plot

Annual Analysis for 1992 - Station DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	10	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	9	21.9	24.467	33.8	16.5	34.45	5.869	16.5	19.75	29.55	33.8
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	7	5.	8.857	20.	2.	42.476	6.517	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	8	7.95	7.1	8.6	2.7	4.146	2.036	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	10	8.25	8.25	8.5	8.1	0.014	0.118	8.1	8.175	8.3	8.48
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	10	8.247	8.236	8.5	8.1	0.014	0.119	8.1	8.175	8.3	8.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	10	0.006	0.006	0.008	0.003	0.	0.001	0.003	0.005	0.007	0.008
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	10	1.	2.1	11.	1.	9.878	3.143	1.	1.	1.25	10.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	10	0.	0.134	1.041	0.	0.111	0.332	0.	0.	0.075	0.967
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.362								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	8	27.65	28.	32.6	22.7	9.097	3.016	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	10	2.	1.8	3.	1.	0.4	0.632	1.	1.	2.	2.9
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	10	18.	47.7	280.	10.	6749.344	82.154	10.6	16.	36.5	255.8

** - 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 1993 - Station DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	11	0.5	0.636	2.	0.5	0.205	0.452	0.5	0.5	0.5	1.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	11	25.4	23.982	31.6	13.4	35.166	5.93	13.56	21.8	28.7	31.32
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	10	10.	10.	20.	5.	16.667	4.082	5.	8.75	10.	19.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	10	6.3	6.55	9.2	4.5	1.705	1.306	4.6	5.95	7.125	9.09
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	6	8.25	8.25	8.4	8.1	0.019	0.138	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	6	8.247	8.232	8.4	8.1	0.019	0.139	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	6	0.006	0.006	0.008	0.004	0.	0.002	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	10	1.	1.9	5.	1.	2.767	1.663	1.	1.	2.75	5.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	10	0.	0.17	0.699	0.	0.087	0.294	0.	0.	0.401	0.699
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.479								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	11	29.8	29.836	31.9	26.7	2.427	1.558	27.04	28.8	31.4	31.84
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	11	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	10	32.	48.7	160.	10.	2052.9	45.309	10.8	18.75	71.5	152.2

** - 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 1994 - Station DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	12	0.5	0.625	2.	0.5	0.188	0.433	0.5	0.5	0.5	1.55
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	12	27.9	26.383	30.9	16.9	20.327	4.509	17.95	22.6	29.8	30.78
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	11	5.	9.	20.	4.	35.	5.916	4.2	5.	10.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	11	7.6	7.4	9.2	3.8	2.09	1.446	4.28	7.	8.5	9.08
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	10	8.3	8.26	8.4	7.9	0.02	0.143	7.93	8.2	8.325	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	10	8.3	8.235	8.4	7.9	0.021	0.145	7.93	8.2	8.325	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	10	0.005	0.006	0.013	0.004	0.	0.003	0.004	0.005	0.006	0.012
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	11	1.	1.364	5.	1.	1.455	1.206	1.	1.	1.	4.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	11	0.	0.064	0.699	0.	0.044	0.211	0.	0.	0.	0.559
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.158								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	12	30.2	30.075	31.9	27.3	2.035	1.426	27.57	28.8	31.25	31.75
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	11	12.	15.055	30.	5.6	49.833	7.059	6.48	12.	16.	29.2

** - 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 1995 - Station DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	14	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	13	29.4	26.862	32.5	15.2	29.434	5.425	16.28	23.9	31.05	32.1
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	10.	11.429	20.	5.	28.571	5.345	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	14	7.5	7.421	8.7	5.7	0.843	0.918	5.85	6.825	8.075	8.7
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	8.2	8.157	8.4	7.6	0.044	0.21	7.75	8.075	8.3	8.35
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	8.2	8.099	8.4	7.6	0.048	0.219	7.75	8.075	8.3	8.35
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.006	0.008	0.025	0.004	0.	0.005	0.004	0.005	0.008	0.019
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	1.	3.071	8.	1.	8.225	2.868	1.	1.	5.5	8.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.	0.311	0.903	0.	0.159	0.398	0.	0.	0.736	0.903
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.045								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	9	32.	30.256	32.9	24.4	7.853	2.802	24.4	28.5	32.25	32.9
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	14	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	10.	10.079	16.	0.7	12.991	3.604	4.35	8.2	12.5	15.

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

Annual Analysis for 1996 - Station DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	14	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	14	25.4	24.264	30.6	17.1	26.155	5.114	17.7	19.275	29.425	30.35
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	11.	12.643	25.	5.	44.709	6.686	5.	5.	20.	22.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	12	7.	6.8	8.4	5.	1.082	1.04	5.18	6.	7.475	8.34
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	8.2	8.193	8.4	8.	0.013	0.114	8.	8.1	8.3	8.35
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	8.2	8.179	8.4	8.	0.013	0.115	8.	8.1	8.3	8.35
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.006	0.007	0.01	0.004	0.	0.002	0.004	0.005	0.008	0.01
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	2.	5.571	49.	1.	160.11	12.653	1.	1.	2.75	28.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.301	0.343	1.69	0.	0.228	0.478	0.	0.	0.401	1.297
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.201								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	14	32.35	32.343	34.5	29.9	1.312	1.145	30.6	31.4	33.1	33.95
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	14	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	6.8	13.664	52.	3.	175.23	13.237	3.8	5.15	22.	37.5

** - 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 1997 - Station DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	23	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	23	25.1	25.465	31.6	19.5	16.911	4.112	19.8	21.7	29.7	30.8
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	23	12.	12.348	20.	5.	19.601	4.427	5.	10.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	23	7.1	7.183	9.1	5.7	0.72	0.848	6.2	6.5	7.4	8.74
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	21	8.	7.995	8.2	7.7	0.027	0.166	7.72	7.9	8.15	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	21	8.	7.965	8.2	7.7	0.028	0.169	7.72	7.9	8.15	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	21	0.01	0.011	0.02	0.006	0.	0.004	0.006	0.007	0.013	0.019
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	23	1.	9.348	79.	1.	323.783	17.994	1.	1.	11.	32.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	23	0.	0.439	1.898	0.	0.404	0.636	0.	0.	1.041	1.508
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.75								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	23	32.9	31.904	34.2	25.8	5.035	2.244	28.56	30.5	33.6	33.92
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	23	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	23	1.4	5.778	40.	0.2	111.907	10.579	0.44	0.6	5.4	26.4

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

Annual Analysis for 1998 - Station DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	14	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	14	20.75	22.043	31.4	16.8	20.453	4.523	17.05	18.8	24.725	30.35
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	12.5	13.214	25.	5.	44.643	6.682	5.	8.75	16.25	25.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	14	7.25	7.371	8.4	6.1	0.488	0.699	6.25	6.85	8.025	8.25
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	7.8	7.786	8.	7.6	0.017	0.129	7.6	7.7	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	7.8	7.768	8.	7.6	0.017	0.13	7.6	7.7	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.016	0.017	0.025	0.01	0.	0.005	0.01	0.013	0.02	0.025
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	1.	6.214	49.	1.	162.335	12.741	1.	1.	7.25	30.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.	0.363	1.69	0.	0.293	0.541	0.	0.	0.86	1.366
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.307								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	14	27.6	27.186	30.9	20.5	7.257	2.694	22.2	26.175	29.05	30.25
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	14	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	2.25	5.614	30.	0.3	63.447	7.965	0.45	0.8	7.35	21.5

** - 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 #1: 8/01 to 10/19 - Station DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	25	0.5	0.56	2.	0.5	0.09	0.3	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	25	29.8	29.796	32.5	26.5	2.504	1.582	26.82	28.95	31.05	31.6
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	24	10.	10.5	20.	1.	22.261	4.718	5.	6.25	14.25	17.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	23	6.5	6.548	9.1	4.3	1.455	1.206	4.62	6.	7.4	8.34
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	22	8.3	8.223	8.4	7.8	0.033	0.182	7.9	8.1	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	22	8.3	8.182	8.4	7.8	0.035	0.187	7.9	8.1	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	22	0.005	0.007	0.016	0.004	0.	0.003	0.004	0.004	0.008	0.013
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	24	1.	5.5	49.	1.	130.	11.402	1.	1.	5.	20.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	24	0.	0.321	1.69	0.	0.259	0.509	0.	0.	0.699	1.211
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.096								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	22	30.05	30.205	34.5	24.4	7.111	2.667	27.3	28.15	32.95	33.94
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	25	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	24	14.	14.696	52.	0.4	159.242	12.619	0.6	2.575	21.25	32.

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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	61	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	58	20.45	20.595	26.7	13.4	9.023	3.004	16.77	18.8	22.425	24.91
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	58	10.	13.19	25.	5.	35.7	5.975	5.	10.	20.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	56	7.4	7.457	9.2	2.7	1.139	1.067	6.1	6.9	8.1	8.63
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	57	8.2	8.086	8.4	7.7	0.033	0.183	7.8	7.95	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	57	8.2	8.046	8.4	7.7	0.035	0.187	7.8	7.95	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	57	0.006	0.009	0.02	0.004	0.	0.004	0.005	0.006	0.011	0.016
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	61	1.	4.148	49.	1.	56.128	7.492	1.	1.	5.	11.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	61	0.	0.311	1.69	0.	0.198	0.444	0.	0.	0.699	1.041
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.045								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	58	30.1	29.843	34.2	20.5	7.133	2.671	26.7	28.15	31.9	33.04
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	61	2.	2.066	4.	2.	0.096	0.309	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	61	10.	21.23	280.	0.2	1710.862	41.363	1.4	5.8	18.	39.6

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	31	0.5	0.548	2.	0.5	0.073	0.269	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	31	29.3	29.145	33.8	25.1	3.851	1.962	25.6	28.	30.5	31.34
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	29	5.	8.069	18.	2.	18.067	4.25	5.	5.	10.	15.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	28	6.65	6.607	8.5	3.8	1.28	1.131	5.	5.8	7.2	8.5
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	29	8.3	8.134	8.5	7.6	0.079	0.281	7.6	7.9	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	29	8.3	8.035	8.5	7.6	0.089	0.298	7.6	7.9	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	29	0.005	0.009	0.025	0.003	0.	0.007	0.004	0.005	0.013	0.025
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	30	1.	7.733	79.	1.	408.409	20.209	1.	1.	1.	29.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	30	0.	0.239	1.898	0.	0.328	0.573	0.	0.	0.	1.446
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.734								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	29	30.9	30.493	33.8	22.7	6.154	2.481	27.9	28.9	32.25	33.5
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	31	2.	1.968	4.	1.	0.232	0.482	1.2	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	30	10.	10.393	36.	0.5	78.617	8.867	0.61	3.45	16.	26.1

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

Station Inventory for Station: DESO0022

NPS Station ID: DESO0022
LAT/LON: 27.546670/ -82.628837
Agency: 21FLA
Date Created: 10/04/97
Location: Mouth of Terra Ceia Bay
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 48020SEAS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	123	0.5	0.915	15.	0.5	4.052	2.013	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	121	25.2	24.698	33.4	13.5	27.022	5.198	17.32	19.7	29.65	30.7
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	114	10.	10.851	25.	0.	33.65	5.801	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	114	6.8	6.739	9.8	0.5	2.057	1.434	5.15	6.	7.6	8.5
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	110	8.1	8.077	8.5	6.6	0.065	0.254	7.8	7.9	8.225	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	110	8.1	7.943	8.5	6.6	0.083	0.288	7.8	7.9	8.225	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	110	0.008	0.011	0.251	0.003	0.001	0.024	0.005	0.006	0.013	0.016
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	117	1.	22.197	1319.	1.	17328.504	131.638	1.	1.	5.	13.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	117	0.	0.399	3.12	0.	0.364	0.604	0.	0.	0.699	1.12
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.506								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	115	30.1	29.975	34.7	20.9	7.329	2.707	26.7	28.5	32.	33.5
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	123	2.	2.87	15.	2.	6.491	2.548	2.	2.	2.	5.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	117	12.	15.745	170.	0.	369.809	19.23	0.7	5.4	20.	32.2

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

EPA Water Quality Criteria Analysis for Station: DESO0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	114	3	0.03	24	1	0.04	59	0	0.00	31	2	0.06			
00403	PH, LAB	Marine Chronic	8.5	110	2	0.02	23	2	0.09	57	0	0.00	30	0	0.00			
		Other-Lo Lim.	6.5	110	0	0.00	23	0	0.00	57	0	0.00	30	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	117	3	0.03	25	0	0.00	61	3	0.05	31	0	0.00			

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

Annual Analysis for 1990 - Station DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	8	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	7	27.2	25.8	31.3	16.2	29.61	5.442	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	8	9.	10.375	20.	0.	53.982	7.347	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	7	6.5	6.414	8.3	3.7	2.298	1.516	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	8	8.2	8.2	8.4	8.	0.017	0.131	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	8	8.2	8.183	8.4	8.	0.017	0.132	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	8	0.006	0.007	0.01	0.004	0.	0.002	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	8	4.	3.625	7.	1.	5.982	2.446	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	8	0.588	0.437	0.845	0.	0.142	0.377	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.737								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	7	29.8	29.443	31.4	26.3	2.77	1.664	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	8	2.	2.5	4.	2.	0.857	0.926	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	8	18.5	19.375	34.	6.	83.696	9.149	**	**	**	**

** - 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 1991 - Station DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	12	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	12	25.05	24.483	30.7	16.8	25.812	5.081	16.95	19.9	29.35	30.58
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	11	10.	8.455	18.	0.	26.273	5.126	1.	5.	10.	17.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	9	5.8	5.733	8.4	0.6	4.66	2.159	0.6	5.45	6.95	8.4
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	12	8.25	8.233	8.4	8.	0.019	0.137	8.03	8.1	8.375	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	12	8.247	8.213	8.4	8.	0.019	0.139	8.03	8.1	8.375	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	12	0.006	0.006	0.01	0.004	0.	0.002	0.004	0.004	0.008	0.009
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	12	1.	10.25	79.	1.	541.841	23.277	1.	1.	2.	64.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	12	0.	0.358	1.898	0.	0.415	0.644	0.	0.	0.301	1.776
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.279								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	12	28.2	28.25	30.4	25.8	2.252	1.501	26.07	26.825	29.675	30.31
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	12	2.	2.25	4.	2.	0.386	0.622	2.	2.	2.	3.7
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	12	13.	14.25	24.	10.	19.659	4.434	10.	10.5	16.	23.1

** - 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 1992 - Station DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	10	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	10	24.15	24.59	31.8	18.1	31.599	5.621	18.16	19.15	30.225	31.65
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	8	7.5	9.5	20.	1.	43.429	6.59	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	9	7.3	6.989	8.5	4.5	1.459	1.208	4.5	6.3	7.85	8.5
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	10	8.2	8.18	8.3	8.	0.011	0.103	8.01	8.1	8.3	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	10	8.2	8.169	8.3	8.	0.011	0.104	8.01	8.1	8.3	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	10	0.006	0.007	0.01	0.005	0.	0.002	0.005	0.005	0.008	0.01
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	10	2.	3.7	11.	1.	12.233	3.498	1.	1.	5.75	10.7
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	10	0.301	0.394	1.041	0.	0.167	0.409	0.	0.	0.75	1.028
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.48								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	9	27.9	27.767	32.7	22.9	8.638	2.939	22.9	25.8	29.65	32.7
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	10	2.	3.6	12.	2.	10.489	3.239	2.	2.	4.5	11.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	10	23.5	26.	72.	10.	350.	18.708	10.	11.5	31.25	68.6

** - 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 1993 - Station DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	11	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	11	26.9	24.536	33.4	13.5	43.369	6.585	13.54	21.	29.6	32.94
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	11	10.	9.545	20.	5.	17.273	4.156	5.	5.	10.	18.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	10	6.25	6.27	9.8	4.2	2.576	1.605	4.24	4.825	6.975	9.54
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	7	8.2	8.229	8.4	8.1	0.012	0.111	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	7	8.2	8.217	8.4	8.1	0.013	0.112	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	7	0.006	0.006	0.008	0.004	0.	0.002	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	11	1.	13.909	130.	1.	1488.891	38.586	1.	1.	5.	105.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	11	0.	0.37	2.114	0.	0.445	0.667	0.	0.	0.699	1.882
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.343								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	10	30.35	30.02	32.1	26.1	3.	1.732	26.38	28.975	31.45	32.05
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	11	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	11	21.	40.091	170.	10.	2133.891	46.194	11.2	16.	42.	149.8

** - 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 1994 - Station DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	12	0.5	1.458	12.	0.5	11.021	3.32	0.5	0.5	0.5	8.55
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	12	27.45	26.233	31.2	16.9	21.893	4.679	17.74	22.375	30.475	31.11
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	11	5.	8.545	20.	4.	36.273	6.023	4.2	5.	10.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	11	6.8	6.791	8.9	0.5	5.689	2.385	1.5	6.4	8.6	8.88
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	10	8.2	8.07	8.5	6.6	0.285	0.533	6.74	8.075	8.3	8.48
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	10	8.2	7.514	8.5	6.6	0.628	0.793	6.74	8.075	8.3	8.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	10	0.006	0.031	0.251	0.003	0.006	0.078	0.003	0.005	0.008	0.227
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	11	1.	1.818	5.	1.	1.964	1.401	1.	1.	2.	4.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	11	0.	0.173	0.699	0.	0.07	0.265	0.	0.	0.301	0.68
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.489								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	12	30.2	30.083	31.2	28.4	0.718	0.847	28.58	29.6	30.825	31.2
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	12	2.	3.667	12.	2.	15.152	3.892	2.	2.	2.	12.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	11	18.	21.273	42.	10.	138.618	11.774	10.	10.	32.	41.6

** - 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 1995 - Station DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	17	0.5	1.412	7.	0.5	4.289	2.071	0.5	0.5	0.5	5.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	16	28.85	26.138	32.1	15.1	33.725	5.807	15.52	22.825	30.4	31.47
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	10.	10.714	20.	5.	30.22	5.497	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	17	6.9	6.876	8.7	5.1	0.982	0.991	5.66	6.05	7.45	8.46
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	8.2	8.143	8.5	7.7	0.035	0.187	7.85	8.	8.225	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	8.2	8.102	8.5	7.7	0.037	0.192	7.85	8.	8.225	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.006	0.008	0.02	0.003	0.	0.004	0.004	0.006	0.01	0.015
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	3.	45.214	540.	1.	20360.027	142.689	1.	1.	13.25	286.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.452	0.691	2.732	0.	0.626	0.791	0.	0.	1.122	2.125
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.909								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	12	30.35	29.717	32.6	23.6	9.138	3.023	23.81	28.5	32.225	32.51
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	17	2.	3.294	7.	2.	3.596	1.896	2.	2.	5.	7.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	14.	13.307	24.	0.7	36.628	6.052	3.45	9.85	18.	22.

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

Annual Analysis for 1996 - Station DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	16	0.5	2.	15.	0.5	17.633	4.199	0.5	0.5	0.5	11.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	16	25.05	23.838	30.	16.1	30.728	5.543	16.1	18.325	29.575	30.
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	11.	12.643	25.	5.	44.709	6.686	5.	5.	20.	22.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	14	6.8	6.664	8.6	4.9	1.752	1.324	4.95	5.35	7.75	8.45
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	8.2	8.143	8.4	7.5	0.05	0.224	7.75	8.	8.3	8.35
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	8.2	8.071	8.4	7.5	0.056	0.236	7.75	8.	8.3	8.35
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.006	0.008	0.032	0.004	0.	0.007	0.004	0.005	0.01	0.021
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	1.	2.429	8.	1.	5.802	2.409	1.	1.	2.75	7.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.	0.239	0.903	0.	0.114	0.338	0.	0.	0.401	0.874
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.735								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	16	32.25	32.256	34.7	29.5	2.152	1.467	29.64	31.35	33.4	34.56
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	16	2.	4.625	15.	2.	23.717	4.87	2.	2.	8.	15.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	11.	13.3	30.	5.2	61.955	7.871	5.3	7.6	16.25	29.

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

Annual Analysis for 1997 - Station DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	23	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	23	25.	25.248	31.1	19.4	16.202	4.025	19.62	21.2	29.2	30.5
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	23	12.	12.217	20.	5.	19.269	4.39	5.	10.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	23	6.8	6.909	9.1	4.8	1.014	1.007	5.6	6.4	7.6	8.34
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	21	7.9	7.957	8.2	7.7	0.02	0.14	7.72	7.9	8.1	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	21	7.9	7.935	8.2	7.7	0.02	0.142	7.72	7.9	8.1	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	21	0.013	0.012	0.02	0.006	0.	0.004	0.008	0.008	0.013	0.019
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	23	1.	5.565	46.	1.	103.802	10.188	1.	1.	7.	18.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	23	0.	0.363	1.663	0.	0.272	0.521	0.	0.	0.845	1.234
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.309								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	23	32.8	32.017	34.6	26.7	4.713	2.171	28.28	30.7	33.8	34.12
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	23	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	23	1.7	5.443	38.	0.5	75.756	8.704	0.54	0.6	6.4	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 1998 - Station DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	14	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	14	20.45	21.65	31.2	16.4	21.473	4.634	16.9	18.025	24.725	30.15
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	11.5	12.714	25.	5.	48.527	6.966	5.	5.	16.25	25.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	14	7.3	7.314	8.7	6.2	0.812	0.901	6.25	6.4	8.2	8.6
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	7.8	7.779	7.9	7.6	0.01	0.097	7.6	7.7	7.825	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	7.8	7.768	7.9	7.6	0.01	0.098	7.6	7.7	7.825	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.016	0.017	0.025	0.013	0.	0.004	0.013	0.015	0.02	0.025
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	1.	102.857	1319.	1.	122961.055	350.658	1.	1.	11.75	699.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.	0.542	3.12	0.	0.922	0.96	0.	0.	1.018	2.509
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.481								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	14	27.6	27.271	30.8	20.9	6.887	2.624	22.5	26.225	29.2	30.45
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	14	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	1.85	5.964	33.	0.	98.882	9.944	0.25	0.925	6.025	28.5

** - 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 #1: 8/01 to 10/19 - Station DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	26	0.5	0.673	5.	0.5	0.779	0.883	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	26	29.75	29.369	32.1	26.3	2.24	1.497	26.8	28.325	30.325	31.1
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	25	10.	10.36	20.	0.	24.49	4.949	5.	5.	15.	17.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	24	6.5	6.446	8.8	3.7	1.733	1.316	4.75	5.3	7.2	8.6
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	23	8.3	8.243	8.5	7.7	0.04	0.2	7.9	8.1	8.4	8.46
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	23	8.3	8.192	8.5	7.7	0.043	0.206	7.9	8.1	8.4	8.46
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	23	0.005	0.006	0.02	0.003	0.	0.004	0.003	0.004	0.008	0.013
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	25	2.	26.76	540.	1.	11494.773	107.214	1.	1.	7.5	27.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	25	0.301	0.501	2.732	0.	0.453	0.673	0.	0.	0.874	1.424
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.169								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	23	29.8	30.	34.7	23.6	10.046	3.17	24.9	27.9	33.5	34.3
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	26	2.	2.231	5.	2.	0.665	0.815	2.	2.	2.	2.9
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	25	16.	14.812	36.	0.5	104.819	10.238	0.66	5.75	20.5	29.6

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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	63	0.5	0.754	10.	0.5	2.072	1.439	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	61	19.7	20.203	26.1	13.5	9.634	3.104	16.12	18.1	22.35	24.66
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	59	10.	12.763	25.	5.	36.357	6.03	5.	10.	20.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	59	7.2	7.264	9.8	4.8	1.063	1.031	6.	6.5	8.1	8.6
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	57	8.1	8.007	8.3	6.6	0.067	0.258	7.8	7.9	8.2	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	57	8.1	7.842	8.3	6.6	0.094	0.307	7.8	7.9	8.2	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	57	0.008	0.014	0.251	0.005	0.001	0.032	0.006	0.006	0.013	0.016
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	61	2.	27.852	1319.	1.	28456.695	168.691	1.	1.	5.5	12.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	61	0.301	0.438	3.12	0.	0.369	0.607	0.	0.	0.739	1.099
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.74								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	61	29.8	29.733	34.6	20.9	6.593	2.568	26.7	27.95	31.5	32.68
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	63	2.	2.619	12.	2.	4.175	2.043	2.	2.	2.	3.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	61	12.	18.143	170.	0.	615.754	24.814	1.2	5.7	22.	39.6

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	34	0.5	1.397	15.	0.5	10.163	3.188	0.5	0.5	0.5	2.75
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	34	29.3	29.188	33.4	24.8	3.74	1.934	26.95	27.575	30.75	31.25
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	30	5.	7.5	18.	0.	18.879	4.345	4.1	5.	10.	15.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	31	6.1	5.968	8.5	0.5	3.14	1.772	4.26	5.6	6.8	8.16
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	30	8.15	8.083	8.4	7.6	0.052	0.228	7.7	7.95	8.3	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	30	8.147	8.02	8.4	7.6	0.056	0.236	7.7	7.95	8.3	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	30	0.007	0.01	0.025	0.004	0.	0.006	0.005	0.005	0.011	0.02
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	31	1.	7.387	130.	1.	585.312	24.193	1.	1.	2.	10.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	31	0.	0.24	2.114	0.	0.271	0.521	0.	0.	0.301	1.002
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.738								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	31	30.6	30.432	34.2	22.9	6.961	2.638	26.92	29.	32.8	33.58
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	34	2.	3.824	15.	2.	14.271	3.778	2.	2.	4.	12.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	31	10.	11.781	38.	0.6	85.91	9.269	0.7	5.2	18.	26.8

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

Station Inventory for Station: DESO0023

NPS Station ID: DESO0023
LAT/LON: 27.520948/ -82.632670
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP North Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 433
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100202
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/28/95-10/13/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/28/95-10/13/98	12	23.5	23.5	32.	13.	33.	5.745	14.5	18.5	29.5	31.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/28/95-10/13/98	12	1.3	1.383	3.5	0.5	0.538	0.733	0.65	1.	1.5	2.9
00080	COLOR (PLATINUM-COBALT UNITS)	12/28/95-10/13/98	12	20.	26.667	60.	10.	278.788	16.697	10.	20.	30.	60.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/28/95-10/13/98	12	39810.	38035.	45300.	24000.	49783790.909	7055.763	25410.	32375.	43875.	45270.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/28/95-10/13/98	12	7.6	7.492	9.6	5.5	1.93	1.389	5.56	6.325	8.625	9.6
00400	PH (STANDARD UNITS)	12/28/95-10/13/98	12	8.1	8.083	8.2	7.8	0.011	0.103	7.86	8.1	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	12/28/95-10/13/98	12	8.1	8.071	8.2	7.8	0.011	0.104	7.86	8.1	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/28/95-10/13/98	12	0.008	0.009	0.016	0.006	0.	0.002	0.006	0.008	0.008	0.014
00480	SALINITY - PARTS PER THOUSAND	12/28/95-10/13/98	12	26.	25.25	30.	15.	19.659	4.434	16.8	22.25	28.75	30.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/28/95-10/13/98	12	23.	19.667	36.	5.	94.606	9.727	5.6	9.5	26.	33.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/28/95-10/13/98	10 ##	0.011	0.087	0.69	0.005	0.045	0.213	0.005	0.005	0.059	0.627
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/28/95-10/13/98	12	0.02	0.032	0.11	0.008	0.001	0.028	0.009	0.013	0.048	0.092
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/28/95-10/13/98	12	0.527	0.545	0.9	0.402	0.022	0.149	0.405	0.417	0.63	0.83
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	12/28/95-10/13/98	12	0.02	0.025	0.1	0.005	0.001	0.027	0.005	0.009	0.028	0.085
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/28/95-10/13/98	12	0.203	0.208	0.317	0.086	0.006	0.076	0.087	0.159	0.27	0.31
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/28/95-10/13/98	12	6.45	7.483	13.7	1.7	17.267	4.155	2.15	3.725	11.775	13.43
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	12/28/95-10/13/98	12	3.25	3.417	4.5	2.5	0.356	0.597	2.65	3.	4.	4.35
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/28/95-10/13/98	12	2.45	2.475	3.8	0.9	0.886	0.941	1.02	1.775	3.425	3.74

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

EPA Water Quality Criteria Analysis for Station: DESO0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	7	0	0.00	3	0	0.00			
00400	PH	Marine Chronic	8.5	12	0	0.00	2	0	0.00	7	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	7	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	7	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: DESO0024

NPS Station ID: DESO0024
LAT/LON: 27.557476/ -82.633199
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP North Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 422
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100202
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/28/95-10/13/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/28/95-10/13/98	12	25.	23.75	31.	13.	38.023	6.166	13.9	18.5	29.75	30.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/28/95-10/13/98	12	1.9	1.775	2.5	1.	0.153	0.391	1.15	1.5	2.	2.35
00080	COLOR (PLATINUM-COBALT UNITS)	12/28/95-10/13/98	12	10.	13.333	20.	5.	37.879	6.155	5.	10.	20.	20.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/28/95-10/13/98	12	43070.	43107.5	50000.	34600.	15573475.	3946.324	36160.	40700.	45827.5	49010.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/28/95-10/13/98	12	7.1	7.275	9.2	5.1	1.486	1.219	5.4	6.3	8.475	8.99
00400	PH (STANDARD UNITS)	12/28/95-10/13/98	12	8.1	8.108	8.2	8.	0.004	0.067	8.	8.1	8.175	8.2
00400	CONVERTED PH (STANDARD UNITS)	12/28/95-10/13/98	12	8.1	8.104	8.2	8.	0.004	0.067	8.	8.1	8.175	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/28/95-10/13/98	12	0.008	0.008	0.01	0.006	0.	0.001	0.006	0.007	0.008	0.01
00480	SALINITY - PARTS PER THOUSAND	12/28/95-10/13/98	12	28.	27.5	30.	22.	7.	2.646	22.6	26.	30.	30.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/28/95-10/13/98	10	29.	23.9	34.	6.	123.433	11.11	6.3	9.75	32.5	34.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/28/95-10/13/98	11 ##	0.005	0.016	0.105	0.005	0.001	0.03	0.005	0.005	0.012	0.088
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/28/95-10/13/98	12	0.03	0.031	0.05	0.01	0.	0.017	0.01	0.01	0.05	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/28/95-10/13/98	12	0.522	0.546	0.907	0.322	0.035	0.188	0.327	0.375	0.69	0.877
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	12/28/95-10/13/98	12	0.01	0.017	0.04	0.005	0.	0.013	0.005	0.005	0.03	0.037
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/28/95-10/13/98	10	0.153	0.155	0.244	0.018	0.006	0.076	0.023	0.11	0.238	0.243
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/28/95-10/13/98	12	3.45	4.058	7.9	0.6	4.028	2.007	1.23	2.9	4.85	7.72
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	12/28/95-10/13/98	12	2.5	2.508	3.5	1.5	0.312	0.558	1.65	2.	2.95	3.35
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/28/95-10/13/98	12	2.05	2.017	3.1	0.4	0.638	0.799	0.58	1.475	2.7	3.01

** - 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: DESO0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
00400	PH	Marine Chronic	8.5	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			

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

Station Inventory for Station: DESO0025

NPS Station ID: DESO0025
LAT/LON: 27.571115/ -82.633060
Agency: 112WRD
Date Created: 11/18/75
Location: TAMPA BAY,FLA P -15 HX
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 273416082375900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 19.90
On/Off RF1:
RF3 Index: 03100206104600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.52
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/07/71-10/22/71	6	5.	5.	9.	1.	12.8	3.578	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/71-10/22/71	6	26.9	26.917	27.6	26.2	0.43	0.655	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/07/71-10/22/71	4	2.2	2.3	3.1	1.7	0.34	0.583	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/71-10/22/71	4	44550.	44875.	46400.	44000.	1302500.	1141.271	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/07/71-10/22/71	6	7.3	7.45	9.2	6.3	1.543	1.242	**	**	**	**
00400	PH (STANDARD UNITS)	10/22/71-10/22/71	3	8.2	8.133	8.2	8.	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/22/71-10/22/71	3	8.2	8.123	8.2	8.	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/71-10/22/71	3	0.006	0.008	0.01	0.006	0.	0.002	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/22/71-10/22/71	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/22/71-10/22/71	1	0.64	0.64	0.64	0.64	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/07/71-10/22/71	2	1.33	1.33	2.6	0.06	3.226	1.796	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/07/71-10/22/71	2	1.335	1.335	2.6	0.07	3.2	1.789	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/07/71-10/22/71	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/07/71-10/22/71	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/07/71-10/22/71	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/07/71-10/22/71	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/07/71-06/07/71	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/22/71-10/22/71	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	10/22/71-10/22/71	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	06/07/71-10/22/71	2	0.575	0.575	0.65	0.5	0.011	0.106	**	**	**	**
00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	06/07/71-10/22/71	2	0.56	0.56	0.6	0.52	0.003	0.057	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/07/71-10/22/71	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/22/71-10/22/71	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	06/07/71-10/22/71	2	23.	23.	23.	23.	0.	0.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	06/07/71-10/22/71	2	27.5	27.5	29.	26.	4.5	2.121	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/22/71-10/22/71	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/71-10/22/71	4	16550.	17075.	18900.	16300.	1535833.333	1239.287	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/22/71-10/22/71	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/71-10/22/71	2	1.68	1.68	3.3	0.06	5.249	2.291	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/07/71-10/22/71	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/07/71-10/22/71	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/07/71-10/22/71	2	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	10/22/71-10/22/71	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DESO0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				3	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00				3	0	0.00	3	0	0.00			
00400	PH	Marine Chronic	8.5	3	0	0.00				3	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00				3	0	0.00						

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

Station Inventory for Station: DESO0026

NPS Station ID: DESO0026
LAT/LON: 27.528338/ -82.634448
Agency: 21FLA
Date Created: 07/16/83
Location: MANATEE R.-BISHOP PT.;2/3 ACROSS
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 24010341
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 8
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: TAMPA BAY AREA
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03100202000800.25
RF3 Mile Point: 1.07
Distance from RF3: 0.31
On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER' RIVER, MANATEE STATION LOCATED DUE NORTH OF BISHOP POINT; 2/3 OF DISTANCE ACROSS RIVER

Parameter Inventory for Station: DESO0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/24/83-03/07/84	104	5.	5.135	12.	0.	12.021	3.467	1.	1.	8.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/83-03/07/84	78	28.35	25.65	31.9	14.8	30.15	5.491	16.38	19.3	30.	30.62
00064	DEPTH OF STREAM, MEAN (FT)	05/24/83-03/07/84	26	10.5	10.469	13.3	8.7	1.365	1.169	8.97	9.55	11.	12.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/83-03/06/84	12	5.5	6.383	11.	3.5	5.531	2.352	3.8	4.625	7.85	10.76
00080	COLOR (PLATINUM-COBALT UNITS)	05/25/83-03/07/84	18	12.	16.5	48.	1.	163.559	12.789	1.	7.	24.75	40.8
00082	COLOR,SPECTROPHOTO,WATER SMPL AT7.6PH ADMI UNITS	06/28/83-06/28/83	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	05/24/83-06/28/83	35	319.	447.943	1850.	0.13	240514.232	490.423	0.26	3.	680.	1259.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/83-03/07/84	75	6.8	6.732	9.4	4.4	1.17	1.081	5.3	5.8	7.4	8.4
00400	PH (STANDARD UNITS)	05/24/83-03/07/84	73	8.2	8.137	8.42	7.3	0.044	0.21	7.95	8.05	8.275	8.35
00400	CONVERTED PH (STANDARD UNITS)	05/24/83-03/07/84	73	8.2	8.069	8.42	7.3	0.049	0.221	7.95	8.05	8.275	8.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/83-03/07/84	73	0.006	0.009	0.05	0.004	0.	0.007	0.004	0.005	0.009	0.011
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/83-03/07/84	18	112.5	110.722	121.	91.	57.859	7.607	98.2	106.5	116.25	118.3
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	18	0.54	0.512	0.81	0.18	0.034	0.185	0.198	0.368	0.653	0.792
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	18 ##	0.008	0.017	0.07	0.005	0.	0.02	0.005	0.005	0.018	0.052
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	18	0.006	0.01	0.04	0.001	0.	0.011	0.002	0.003	0.013	0.031
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	18	0.149	0.151	0.216	0.087	0.001	0.036	0.107	0.125	0.178	0.207
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	12	12.55	13.708	25.9	4.3	55.324	7.438	4.72	6.275	21.5	24.82
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	18	6.5	9.05	20.	2.3	35.705	5.975	2.93	4.075	13.65	19.1
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	6	2.75	2.917	3.8	2.2	0.61	0.781	**	**	**	**
70225	CURRENT SPEED (METERS/SEC)	05/24/83-03/07/84	45	0.2	0.254	0.6	0.05	0.015	0.123	0.1	0.2	0.3	0.4
70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/24/83-03/07/84	45	125.	164.	330.	15.	9180.227	95.814	52.	105.	282.5	310.
70305	SALINITY BASED ON CONDUCTIVITY	05/24/83-03/07/84	78	28.75	28.317	32.7	17.1	13.399	3.66	22.05	27.15	30.95	32.3
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	17	1.2	1.347	2.8	0.4	0.443	0.665	0.64	0.9	1.7	2.64

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

EPA Water Quality Criteria Analysis for Station: DESO0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	75	0	0.00	18	0	0.00	27	0	0.00	30	0	0.00			
00400	PH	Marine Chronic	8.5	73	0	0.00	18	0	0.00	30	0	0.00	25	0	0.00			
		Other-Lo Lim.	6.5	73	0	0.00	18	0	0.00	30	0	0.00	25	0	0.00			

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

Station Inventory for Station: DESO0027

NPS Station ID: DESO0027
LAT/LON: 27.523892/ -82.634448
Agency: 21FLA
Date Created: 07/16/83
Location: MANATEE R.-BISHOP PT.;MID-CHANNE
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 24010339
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 8
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: TAMPA BAY AREA
ECO Region:
RF1 Index: 03100202009
RF1 Mile Point: 2.310
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03100202000800.25
RF3 Mile Point: 4.40
Distance from RF3: 0.27
On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER' RIVER, MANATEE STATION LOCATED DUE NORTH OF BISHOP POINT; MID-CHANNEL

Parameter Inventory for Station: DESO0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/25/83-03/07/84	127	7.	6.921	16.	0.	22.01	4.691	1.	2.	11.	14.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/83-03/07/84	81	28.9	26.351	31.6	15.1	28.108	5.302	16.72	19.35	29.9	31.1
00064	DEPTH OF STREAM, MEAN (FT)	05/25/83-03/07/84	27	14.1	14.074	17.	8.9	3.446	1.856	11.58	13.	15.7	16.18
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/25/83-01/18/84	12	6.6	6.483	9.5	3.2	5.405	2.325	3.44	4.5	8.925	9.5
00080	COLOR (PLATINUM-COBALT UNITS)	05/25/83-03/07/84	18	14.5	19.778	65.	1.	285.359	16.893	5.5	9.	25.	50.6
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	05/25/83-06/28/83	59	210.	385.731	1580.	1.1	190097.806	436.002	19.	69.	580.	1110.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/25/83-03/07/84	79	6.3	6.422	10.8	3.2	2.152	1.467	4.6	5.4	7.5	8.2
00400	PH (STANDARD UNITS)	05/25/83-03/07/84	74	8.15	8.133	8.4	7.35	0.037	0.194	7.925	8.05	8.272	8.32
00400	CONVERTED PH (STANDARD UNITS)	05/25/83-03/07/84	74	8.15	8.078	8.4	7.35	0.041	0.201	7.925	8.05	8.272	8.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/25/83-03/07/84	74	0.007	0.008	0.045	0.004	0.	0.006	0.005	0.005	0.009	0.012
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/83-03/07/84	18	112.	110.722	119.	98.	45.154	6.72	99.8	106.25	115.75	119.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	18	0.465	0.475	0.72	0.15	0.029	0.17	0.231	0.328	0.615	0.693
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	18 ##	0.005	0.017	0.09	0.005	0.001	0.022	0.005	0.005	0.02	0.054
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	18	0.007	0.01	0.03	0.001	0.	0.009	0.001	0.003	0.02	0.021
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	18	0.154	0.16	0.224	0.105	0.001	0.035	0.11	0.133	0.186	0.216
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	12	15.25	16.55	26.8	6.1	61.001	7.81	6.61	8.9	24.8	26.32
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	18	9.25	11.206	23.4	2.7	51.109	7.149	3.06	4.9	19.25	21.87
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	6	3.1	3.267	4.7	2.3	0.715	0.845	**	**	**	**
70225	CURRENT SPEED (METERS/SEC)	05/25/83-03/07/84	51	0.2	0.248	0.6	0.05	0.02	0.14	0.1	0.1	0.3	0.5
70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/25/83-03/07/84	51	145.	182.647	340.	45.	7780.353	88.206	96.	115.	290.	308.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/83-08/17/83	1	19.	19.	19.	19.	0.	0.	**	**	**	**
70305	SALINITY BASED ON CONDUCTIVITY	05/25/83-03/07/84	80	29.5	28.663	33.	16.4	11.703	3.421	22.61	26.725	31.3	32.17
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	18	1.2	1.294	2.6	0.5	0.348	0.59	0.59	0.8	1.7	2.24

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

EPA Water Quality Criteria Analysis for Station: DESO0027

			Total	Exceed	Prop.	----------8/01-10/19----------			----------10/20-4/30----------			----------5/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	79	4	0.05	21	4	0.19	25	0	0.00	33	0	0.00			
00400	PH	Marine Chronic	8.5	74	0	0.00	21	0	0.00	27	0	0.00	26	0	0.00			
		Other-Lo Lim.	6.5	74	0	0.00	21	0	0.00	27	0	0.00	26	0	0.00			

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

Station Inventory for Station: DESO0028

NPS Station ID: DESO0028
LAT/LON: 27.535337/ -82.641338
Agency: 21FLA
Date Created: 10/04/97
Location: Emerson Bayou at mouth of Terra Ceia Bay
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 48290SEAS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	105	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	102	25.45	24.851	33.1	13.6	25.583	5.058	17.9	19.875	29.25	30.6
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	102	10.	10.873	25.	0.	33.498	5.788	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	96	6.8	6.829	9.2	3.7	1.443	1.201	5.1	6.	7.775	8.4
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	98	8.2	8.112	8.6	7.1	0.055	0.234	7.7	8.	8.3	8.31
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	98	8.2	8.03	8.6	7.1	0.062	0.248	7.7	8.	8.3	8.31
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	98	0.006	0.009	0.079	0.003	0.	0.009	0.005	0.005	0.01	0.02
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	105	1.	12.362	350.	1.	1785.772	42.258	1.	1.	5.	33.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	105	0.	0.435	2.544	0.	0.375	0.612	0.	0.	0.699	1.519
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.72								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	96	30.2	30.112	34.9	20.3	7.177	2.679	26.87	28.6	32.375	33.49
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	104	2.	2.038	4.	2.	0.057	0.238	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	105	12.	16.092	170.	0.4	417.131	20.424	0.9	5.5	21.5	29.4

** - 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: DESO0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	96	1	0.01	21	1	0.05	49	0	0.00	26	0	0.00			
00403	PH, LAB	Marine Chronic	8.5	98	3	0.03	21	2	0.10	50	0	0.00	27	1	0.04			
		Other-Lo Lim.	6.5	98	0	0.00	21	0	0.00	50	0	0.00	27	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	105	5	0.05	23	0	0.00	54	5	0.09	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

Annual Analysis for 1990 - Station DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	8	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	7	27.1	25.457	30.4	16.1	26.066	5.106	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	8	9.	10.625	20.	2.	48.554	6.968	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	7	6.7	6.257	8.	3.7	2.483	1.576	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	8	8.2	8.275	8.5	8.2	0.014	0.116	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	8	8.2	8.263	8.5	8.2	0.014	0.117	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	8	0.006	0.005	0.006	0.003	0.	0.001	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	8	1.	8.125	33.	1.	153.554	12.392	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	8	0.	0.445	1.519	0.	0.43	0.656	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.786								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	7	29.4	29.457	31.4	27.5	1.82	1.349	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	8	2.	2.25	4.	2.	0.5	0.707	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	8	16.	22.25	68.	8.	363.929	19.077	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	12	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	12	24.5	24.367	30.9	16.1	26.775	5.174	16.55	19.65	29.35	30.81
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	11	10.	8.455	18.	0.	26.273	5.126	1.	5.	10.	17.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	9	5.8	6.122	9.2	4.2	2.224	1.491	4.2	5.1	7.1	9.2
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	12	8.2	8.25	8.4	8.1	0.012	0.109	8.1	8.2	8.375	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	12	8.2	8.238	8.4	8.1	0.012	0.109	8.1	8.2	8.375	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	12	0.006	0.006	0.008	0.004	0.	0.001	0.004	0.004	0.006	0.008
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	12	2.	7.	33.	1.	105.455	10.269	1.	1.	7.25	30.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	12	0.301	0.507	1.519	0.	0.285	0.534	0.	0.	0.852	1.471
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.214								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	12	28.65	28.425	30.1	25.1	1.98	1.407	25.64	27.725	29.575	30.01
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	12	2.	2.083	3.	2.	0.083	0.289	2.	2.	2.	2.7
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	12	12.	14.833	26.	8.	43.97	6.631	8.	10.	22.	25.4

** - 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 1992 - Station DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	10	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	9	27.	25.378	32.1	17.9	31.879	5.646	17.9	19.6	30.45	32.1
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	8	7.5	9.5	20.	1.	43.429	6.59	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	9	7.7	7.133	8.6	4.6	1.848	1.359	4.6	6.1	8.05	8.6
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	10	8.2	8.2	8.4	8.	0.016	0.125	8.01	8.1	8.3	8.39
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	10	8.2	8.184	8.4	8.	0.016	0.126	8.01	8.1	8.3	8.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	10	0.006	0.007	0.01	0.004	0.	0.002	0.004	0.005	0.008	0.01
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	10	1.	5.4	33.	1.	99.6	9.98	1.	1.	5.75	30.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	10	0.	0.342	1.519	0.	0.281	0.53	0.	0.	0.75	1.457
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.199								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	8	28.15	27.963	32.5	22.7	8.803	2.967	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	9	2.	2.111	3.	2.	0.111	0.333	2.	2.	2.	3.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	10	14.5	22.6	78.	10.	416.267	20.403	10.	11.5	23.75	73.1

** - 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 1993 - Station DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	10	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	10	26.5	24.63	33.1	13.6	46.589	6.826	13.6	19.3	29.875	32.89
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	10	10.	9.5	20.	5.	19.167	4.378	5.	5.	10.	19.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	9	6.4	6.311	9.2	4.4	2.391	1.546	4.4	4.8	7.4	9.2
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	7	8.3	8.243	8.4	8.1	0.013	0.113	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	7	8.3	8.23	8.4	8.1	0.013	0.114	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	7	0.005	0.006	0.008	0.004	0.	0.002	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	10	1.	25.1	240.	1.	5701.656	75.509	1.	1.	2.	216.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	10	0.	0.298	2.38	0.	0.551	0.742	0.	0.	0.301	2.172
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.987								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	9	30.3	30.011	32.5	26.4	2.886	1.699	26.4	29.3	31.	32.5
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	10	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	10	21.	38.1	170.	10.	2348.1	48.457	10.	16.	36.75	159.

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

Annual Analysis for 1994 - Station DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	10	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	10	27.45	25.51	31.4	16.8	25.985	5.098	17.08	19.825	29.55	31.32
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	10	5.	8.4	20.	4.	40.044	6.328	4.1	5.	12.5	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	9	7.7	7.344	8.7	5.6	1.1	1.049	5.6	6.5	8.25	8.7
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	9	8.3	8.111	8.3	7.1	0.151	0.389	7.1	8.1	8.3	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	9	8.3	7.852	8.3	7.1	0.227	0.476	7.1	8.1	8.3	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	9	0.005	0.014	0.079	0.005	0.001	0.025	0.005	0.005	0.008	0.079
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	10	1.	3.4	13.	1.	16.933	4.115	1.	1.	5.75	12.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	10	0.	0.302	1.114	0.	0.192	0.438	0.	0.	0.75	1.093
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.003								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	10	30.25	29.99	31.1	27.2	1.374	1.172	27.39	29.625	31.025	31.1
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	10	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	10	16.	23.	64.	10.	272.222	16.499	10.	11.5	30.	60.6

** - 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 1995 - Station DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	13	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	12	28.15	26.242	32.3	16.3	30.724	5.543	16.42	22.875	30.55	32.
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	13	10.	11.154	20.	5.	29.808	5.46	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	13	6.7	6.915	9.2	5.1	1.068	1.033	5.38	6.4	7.5	8.72
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	13	8.1	8.123	8.5	7.6	0.042	0.205	7.76	8.05	8.2	8.42
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	13	8.1	8.071	8.5	7.6	0.045	0.212	7.76	8.05	8.2	8.42
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	13	0.008	0.008	0.025	0.003	0.	0.005	0.004	0.006	0.009	0.019
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	13	2.	9.923	49.	1.	235.577	15.349	1.	1.	14.	42.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	13	0.301	0.559	1.69	0.	0.383	0.619	0.	0.	1.03	1.622
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.624								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	8	30.8	29.525	32.5	20.3	16.836	4.103	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	13	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	13	12.	14.792	30.	0.7	71.374	8.448	3.06	10.	19.	30.

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

Annual Analysis for 1996 - Station DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	12	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	12	24.85	23.967	30.3	17.8	25.728	5.072	17.89	18.6	29.175	30.03
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	12	11.	13.083	25.	5.	46.811	6.842	5.	6.25	20.	23.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	10	6.6	6.81	8.4	5.1	1.394	1.181	5.15	5.75	7.95	8.4
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	12	8.2	8.167	8.6	8.	0.03	0.172	8.	8.	8.2	8.51
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	12	8.2	8.14	8.6	8.	0.03	0.175	8.	8.	8.2	8.51
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	12	0.006	0.007	0.01	0.003	0.	0.002	0.003	0.006	0.01	0.01
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	12	1.	5.083	33.	1.	88.992	9.434	1.	1.	3.5	27.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	12	0.	0.32	1.519	0.	0.26	0.51	0.	0.	0.527	1.397
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.088								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	12	32.45	32.433	34.6	30.	1.568	1.252	30.39	31.375	33.35	34.33
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	12	8.6	12.508	32.	4.6	77.595	8.809	4.78	5.825	19.75	29.6

** - 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 1997 - Station DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	22	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	22	24.85	25.25	31.2	19.5	17.105	4.136	19.7	21.15	29.225	30.68
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	22	11.	12.227	20.	5.	20.184	4.493	5.	10.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	22	6.85	6.95	8.9	5.6	0.889	0.943	6.	6.25	7.525	8.54
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	19	8.	7.968	8.2	7.7	0.032	0.18	7.7	7.8	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	19	8.	7.932	8.2	7.7	0.034	0.183	7.7	7.8	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	19	0.01	0.012	0.02	0.006	0.	0.005	0.006	0.008	0.016	0.02
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	22	1.	23.364	350.	1.	5494.242	74.123	1.	1.	8.5	44.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	22	0.	0.529	2.544	0.	0.538	0.734	0.	0.	0.912	1.639
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.377								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	22	32.8	31.968	34.9	24.9	5.893	2.427	28.38	30.6	33.9	34.38
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	22	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	22	1.8	5.264	28.	0.4	49.056	7.004	0.5	0.7	8.7	16.2

** - 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 1998 - Station DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	8	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	8	20.7	22.05	29.	17.9	19.003	4.359	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	8	12.5	13.125	25.	5.	49.554	7.039	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	8	7.2	7.338	8.1	6.7	0.386	0.621	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	8	7.7	7.762	8.	7.6	0.031	0.177	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	8	7.7	7.733	8.	7.6	0.032	0.18	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	8	0.02	0.018	0.025	0.01	0.	0.007	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	8	1.	13.25	79.	1.	736.5	27.139	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	8	0.	0.478	1.898	0.	0.539	0.734	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.009								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	8	27.95	27.638	30.2	23.9	3.806	1.951	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	8	2.	2.	2.	2.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	8	1.85	4.813	24.	0.4	62.981	7.936	**	**	**	**

** - Less than 9 observations ## - Computed 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: 8/01 to 10/19 - Station DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	23	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	23	29.5	29.457	32.3	26.7	2.184	1.478	27.04	28.3	30.6	31.12
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	23	10.	10.174	20.	0.	25.696	5.069	5.	5.	15.	18.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	21	6.4	6.419	9.2	3.7	2.225	1.492	4.24	5.05	7.5	8.34
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	21	8.2	8.224	8.6	7.7	0.041	0.202	7.92	8.1	8.35	8.48
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	21	8.2	8.174	8.6	7.7	0.043	0.209	7.92	8.1	8.35	8.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	21	0.006	0.007	0.02	0.003	0.	0.004	0.003	0.004	0.008	0.012
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	23	1.	11.174	49.	1.	267.332	16.35	1.	1.	23.	42.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	23	0.	0.548	1.69	0.	0.453	0.673	0.	0.	1.362	1.622
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.53								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	20	29.9	29.825	34.6	20.3	12.578	3.547	25.28	27.375	33.4	33.9
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	23	2.	2.087	4.	2.	0.174	0.417	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	23	16.	15.33	32.	0.4	118.418	10.882	0.78	1.8	26.	30.

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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	54	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	51	19.9	20.463	26.8	13.6	9.398	3.066	16.38	18.1	22.6	24.64
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	52	10.	12.885	25.	5.	35.633	5.969	5.	10.	20.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	49	7.4	7.271	9.2	5.	1.033	1.017	5.9	6.5	8.05	8.6
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	50	8.1	8.064	8.3	7.1	0.049	0.222	7.72	8.	8.2	8.29
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	50	8.1	7.98	8.3	7.1	0.057	0.238	7.72	8.	8.2	8.29
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	50	0.008	0.01	0.079	0.005	0.	0.011	0.005	0.006	0.01	0.019
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	54	2.	6.907	79.	1.	171.293	13.088	1.	1.	5.	22.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	54	0.301	0.43	1.898	0.	0.287	0.536	0.	0.	0.699	1.352
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.693								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	51	30.2	30.125	34.9	23.9	5.447	2.334	26.92	28.6	32.3	33.06
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	53	2.	2.038	3.	2.	0.037	0.192	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	54	11.	18.85	170.	0.5	717.346	26.783	1.55	6.575	21.25	45.

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	28	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	28	29.	29.061	33.1	24.9	3.696	1.922	26.9	27.475	30.55	31.47
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	27	5.	7.593	18.	1.	18.789	4.335	3.6	5.	10.	15.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	26	6.4	6.327	8.4	4.6	0.932	0.965	4.95	5.6	6.975	7.73
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	27	8.2	8.115	8.5	7.6	0.066	0.257	7.7	8.	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	27	8.2	8.035	8.5	7.6	0.073	0.269	7.7	8.	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	27	0.006	0.009	0.025	0.003	0.	0.006	0.004	0.005	0.01	0.02
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	28	1.	23.857	350.	1.	6126.72	78.273	1.	1.	2.	53.7
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	28	0.	0.35	2.544	0.	0.493	0.702	0.	0.	0.301	1.605
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.237								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	25	30.3	30.316	34.5	22.7	6.991	2.644	27.04	28.85	32.8	33.52
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	28	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	28	11.	11.4	29.	0.4	63.579	7.974	0.5	5.2	15.5	22.2

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

Station Inventory for Station: DESO0029

NPS Station ID: DESO0029 LAT/LON: 27.486670/ -82.644170 Agency: 21FLMML Date Created: 12/06/97
Location: PALMA SOLA BAY @ ALHAMBRA AND BLVD BRDG NEPWQ-13 FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 272912082383900
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	31	0.7	1.919	5.	0.3	2.391	1.546	0.7	0.7	3.	4.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	29	25.	24.803	33.3	17.5	27.219	5.217	17.8	19.35	30.	31.
00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	16	30.	33.25	100.	2.	984.333	31.374	4.1	6.25	45.	96.5
00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	16	1.5	3.375	10.	0.	17.983	4.241	0.	0.	8.75	10.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-02/08/94	15	1.	1.073	1.8	0.2	0.151	0.388	0.38	1.	1.3	1.62
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	16	40.	40.625	80.	15.	409.583	20.238	18.5	20.	55.	73.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/90-05/10/94	23	44550.	36437.391	49700.	5840.	180367565.613	13430.099	13096.	21000.	46390.	48056.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	27	4.8	5.215	7.8	1.7	2.864	1.692	3.24	4.	6.4	7.64
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	27	71.3	70.126	100.	27.	319.919	17.886	47.74	57.6	83.7	96.14
00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	27	28.8	24.119	34.	3.2	78.9	8.883	9.38	20.	30.6	32.04
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	16	8.5	11.5	35.	3.	87.6	9.359	3.	4.	17.5	27.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	16	4.	5.625	14.	2.	16.65	4.08	2.	2.25	9.25	12.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	15 ##	0.005	0.069	0.51	0.005	0.02	0.143	0.005	0.005	0.05	0.378
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	16	1.	1.053	2.05	0.24	0.291	0.54	0.324	0.603	1.415	2.008
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	16	0.105	0.137	0.37	0.005	0.018	0.133	0.009	0.02	0.28	0.363
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	16	0.25	0.286	0.75	0.17	0.019	0.137	0.184	0.213	0.295	0.498
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	12	32.8	34.783	52.2	24.5	64.338	8.021	25.22	28.325	40.575	49.44
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	12	4.	4.167	8.7	1.3	5.25	2.291	1.33	2.1	5.475	8.31
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	14	6.1	7.561	27.4	0.05	54.837	7.405	0.125	1.975	10.225	21.55
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	14	1.45	3.414	14.	0.05	21.607	4.648	0.05	0.05	4.85	13.3
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	14	1.9	3.232	18.2	0.05	24.139	4.913	0.05	0.163	2.975	13.7
50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	16	0.14	0.153	0.25	0.05	0.004	0.065	0.057	0.103	0.215	0.243
50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	13	53600.	63084.615	138000.	12200.	1380151410.256	37150.389	20240.	36000.	79500.	135200.
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-02/08/94	7	1.12	1.086	1.74	0.37	0.218	0.467	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	16	2.95	3.931	15.5	1.9	10.346	3.217	2.18	2.6	3.8	8.57
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	15	1.2	1.227	2.	0.2	0.201	0.448	0.56	1.	1.5	1.88

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

EPA Water Quality Criteria Analysis for Station: DESO0029

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	27	7	0.26	6	3	0.50	13	0	0.00	8	4	0.50			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	16	0	0.00	4	0	0.00	8	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: DESO0030

NPS Station ID: DESO0030 LAT/LON: 27.487142/ -82.644282 Agency: 21FLA Date Created: / /
Location: WSB-18 SARASOTA BAY FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): 24010314
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: SOUTH-EAST Elevation: 0 Water Body Id:
Minor Basin: TAMPA BAY AREA ECO Region:
RF1 Index: 03100201009 RF1 Mile Point: 27.150 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 03100201096400.00 RF3 Mile Point: 0.02 Distance from RF3: 0.01 On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER: BAY, SARASOTA SARASOTA BAY-PALMA SOLA YACHT BASIN-
SAMPLE TAKEN ON EAST SIDE OF BRIDGE LOCATED ON PALMA SOLA BLVD

Parameter Inventory for Station: DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	210	0.	0.033	1.	0.	0.025	0.159	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	173	25.	23.873	34.	7.	26.731	5.17	16.4	20.	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	159	6.	8.151	30.	0.	42.635	6.53	0.	5.	10.	18.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	166	7.85	7.861	8.7	6.3	0.146	0.382	7.5	7.603	8.1	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	166	7.85	7.661	8.7	6.3	0.186	0.431	7.5	7.603	8.1	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	166	0.014	0.022	0.501	0.002	0.002	0.041	0.003	0.008	0.025	0.032
00403	PH, LAB, STANDARD UNITS SU	08/12/87-12/01/87	5	7.6	7.38	7.9	6.5	0.337	0.581	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/12/87-12/01/87	5	7.6	7.047	7.9	6.5	0.476	0.69	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/87-12/01/87	5	0.025	0.09	0.316	0.013	0.017	0.129	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/12/67-10/10/67	4	25.6	25.575	27.4	23.7	2.709	1.646	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	208	1600.	1394.763	2400.	0.2	1102112.108	1049.815	38.4	220.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	208	3.204	2.735	3.38	-0.699	0.861	0.928	1.584	2.342	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			543.578								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	60	79.	325.703	2400.	0.2	370244.277	608.477	7.	33.	280.	920.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	60	1.898	1.886	3.38	-0.699	0.771	0.878	0.845	1.519	2.447	2.964
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			76.885								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	189	540.	966.022	2400.	0.2	899321.764	948.326	23.	79.	2000.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	189	2.732	2.526	3.38	-0.699	0.749	0.865	1.362	1.898	3.292	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			335.657								

** - 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: DESO0030

				Total	Exceed	Prop.	----------8/01-10/19----------			----------10/20-4/30----------			----------5/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	166	0	0.00	29	0	0.00	94	0	0.00	43	0	0.00			
		Other-Lo Lim.	6.5	166	1	0.01	29	0	0.00	94	0	0.00	43	1	0.02			
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	3	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	5	1	0.20	3	1	0.33	2	0	0.00						

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

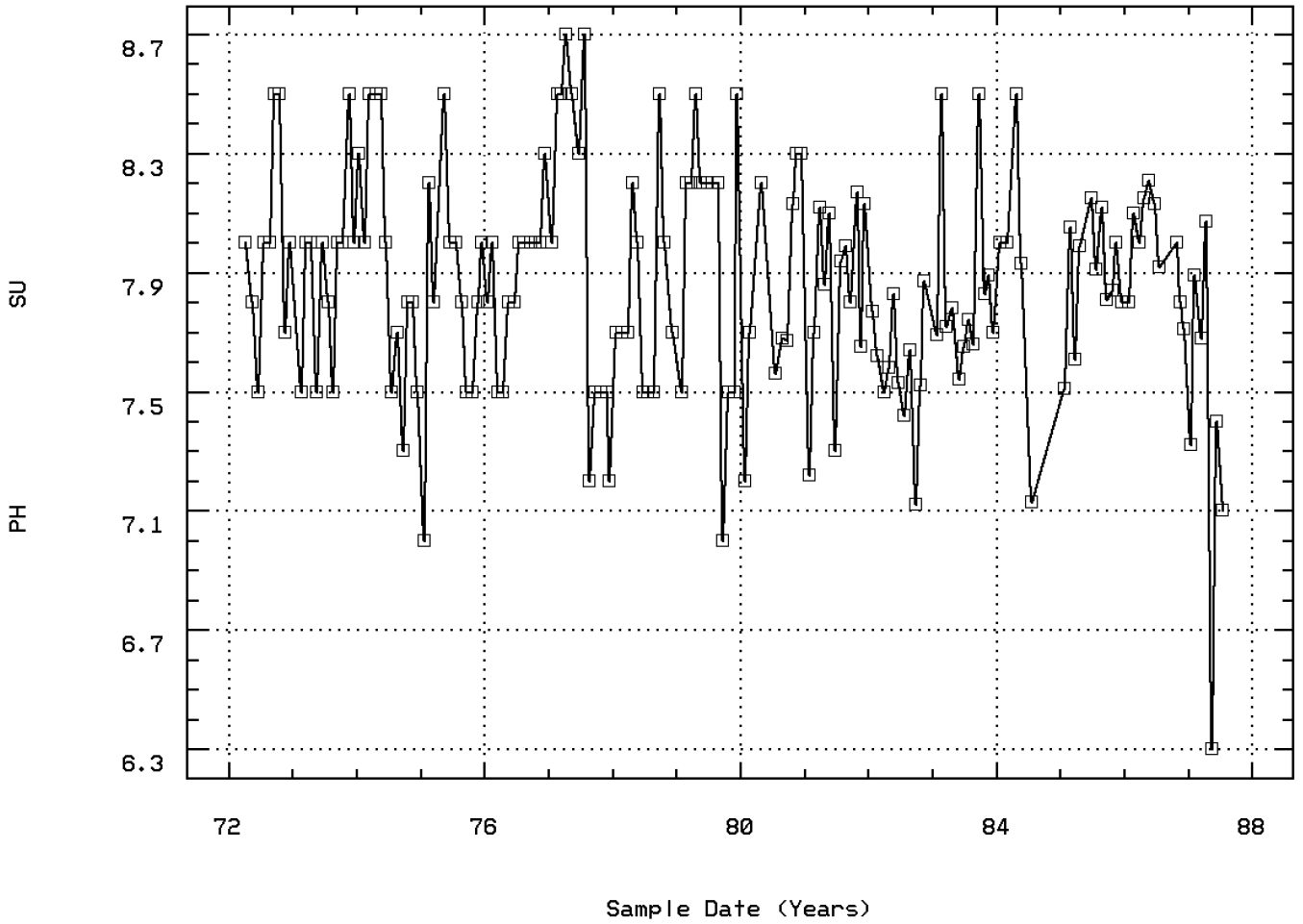
EPA Water Quality Criteria Analysis for Station: DESO0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	208	114	0.55	42	23	0.55	117	68	0.58	49	23	0.47			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	60	19	0.32	13	6	0.46	33	9	0.27	14	4	0.29			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	189	126	0.67	35	25	0.71	108	74	0.69	46	27	0.59			

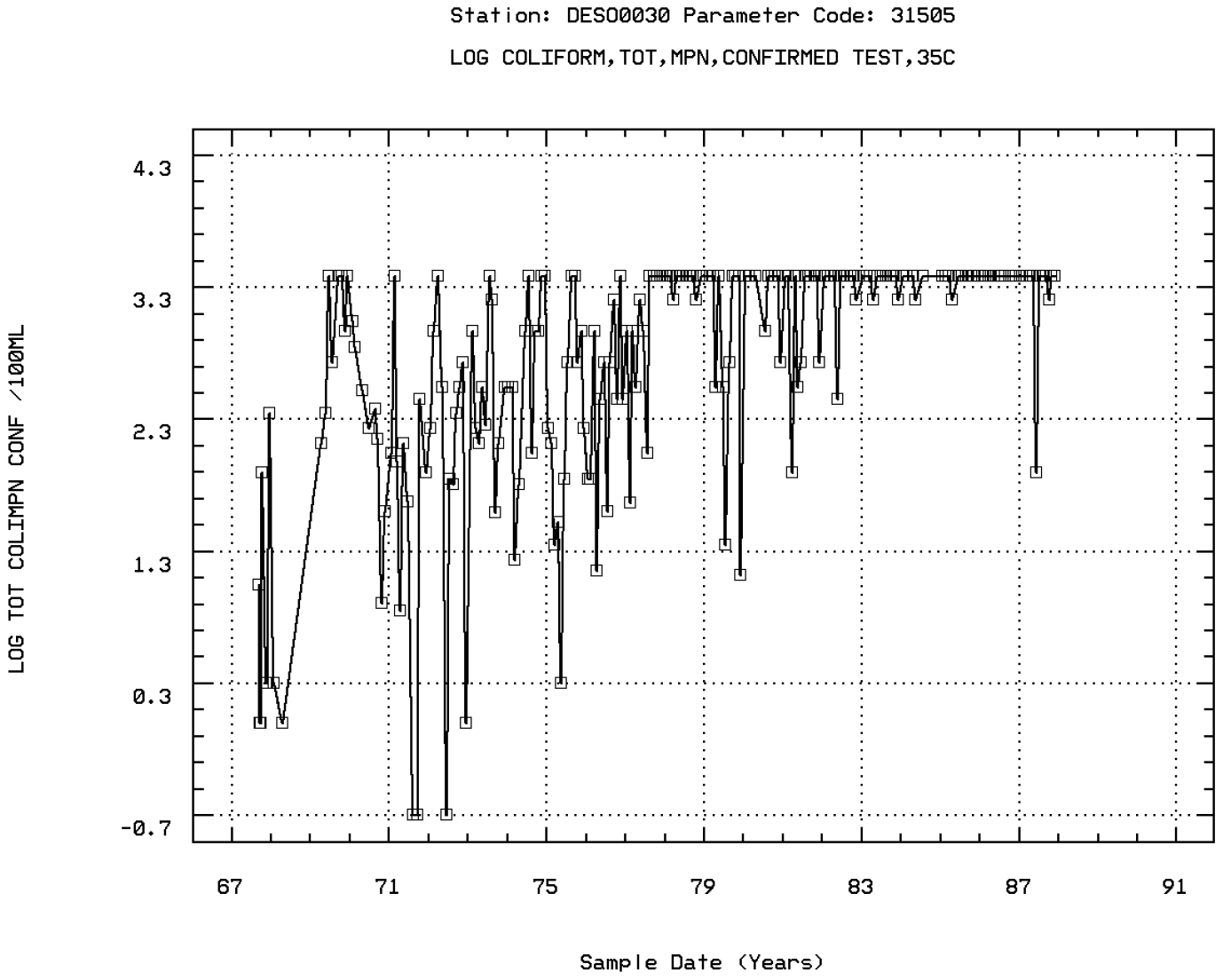
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: DESO0030 Parameter Code: 00400

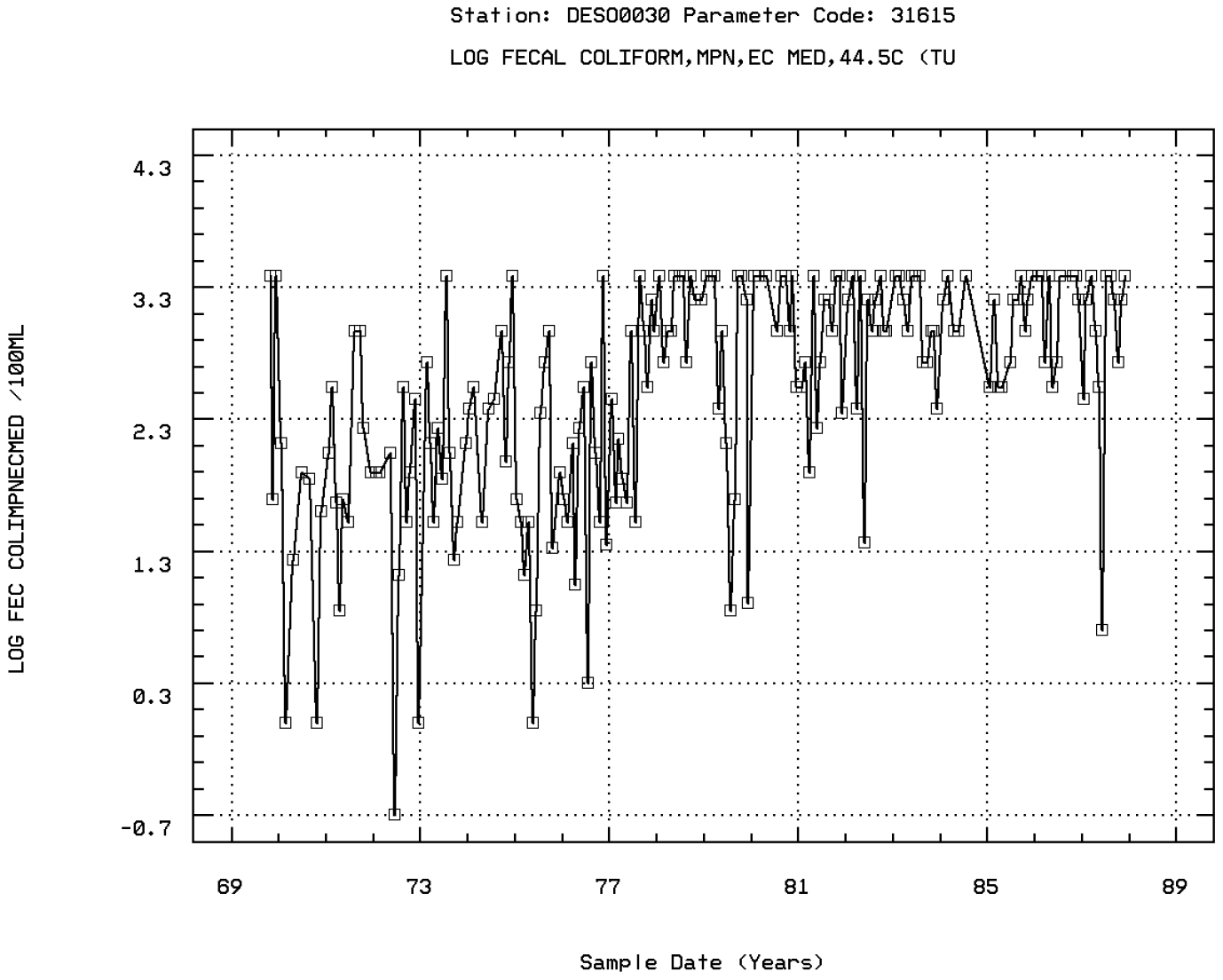
PH (STANDARD UNITS)



WSB-18 SARASOTA BAY



WSB-18 SARASOTA BAY



WSB-18 SARASOTA BAY

Annual Analysis for 1967 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	7	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	7	2.	45.143	220.	1.	6751.143	82.165	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	7	0.301	0.841	2.342	0.	0.901	0.949	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.926								

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

Annual Analysis for 1968 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	2 ##	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	2 ##	0.151	0.151	0.301	0.	0.045	0.213	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.414								

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

Annual Analysis for 1969 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	8	1660.	1426.25	2400.	130.	1138541.071	1067.024	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	8	3.172	2.959	3.38	2.114	0.265	0.515	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			910.278								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	3	2400.	1616.333	2400.	49.	1842400.333	1357.35	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	3	3.38	2.817	3.38	1.69	0.952	0.976	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			655.953								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	3	2400.	1616.333	2400.	49.	1842400.333	1357.35	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	3	3.38	2.817	3.38	1.69	0.952	0.976	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			655.953								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	8	0.	0.	0.	0.	0.	0.	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	8	205.	341.	1100.	8.	140916.571	375.389	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	8	2.305	2.208	3.041	0.903	0.472	0.687	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			161.573								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	7	40.	48.286	130.	1.	2268.571	47.63	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	7	1.602	1.241	2.114	0.	0.795	0.892	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			17.431								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	7	40.	48.286	130.	1.	2268.571	47.63	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	7	1.602	1.241	2.114	0.	0.795	0.892	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.431								

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

Annual Analysis for 1971 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	10	87.	314.84	2400.	0.2	543742.425	737.389	0.2	5.3	167.5	2188.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	10	1.938	1.498	3.38	-0.699	1.735	1.317	-0.699	0.459	2.197	3.287
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.458								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	94.5	268.4	920.	7.	127534.489	357.12	9.6	42.75	492.5	920.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	1.97	2.036	2.964	0.845	0.442	0.665	0.912	1.627	2.649	2.964
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			108.584								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	10	94.5	268.4	920.	7.	127534.489	357.12	9.6	42.75	492.5	920.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	10	1.97	2.036	2.964	0.845	0.442	0.665	0.912	1.627	2.649	2.964
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			108.584								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	10	25.5	23.6	29.	17.	19.6	4.427	17.1	18.75	27.25	28.9
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	6	7.5	8.	13.	5.	12.	3.464	**	**	**	**
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	9	8.	8.	8.5	7.5	0.11	0.332	7.5	7.75	8.25	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	9	8.	7.898	8.5	7.5	0.122	0.349	7.5	7.75	8.25	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	9	0.01	0.013	0.032	0.003	0.	0.009	0.003	0.007	0.018	0.032
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	11	220.	462.291	2400.	0.2	487845.531	698.459	0.36	64.	540.	2104.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	11	2.342	1.972	3.38	-0.699	1.547	1.244	-0.559	1.806	2.732	3.297
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			93.711								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	79.	102.42	350.	0.2	14231.497	119.296	0.28	10.	152.5	343.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	1.898	1.466	2.544	-0.699	1.109	1.053	-0.629	0.835	2.143	2.534
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			29.235								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	10	79.	102.42	350.	0.2	14231.497	119.296	0.28	10.	152.5	343.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	10	1.898	1.466	2.544	-0.699	1.109	1.053	-0.629	0.835	2.143	2.534
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			29.235								

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

Annual Analysis for 1973 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	11	25.	23.636	30.	14.	34.655	5.887	14.	20.	29.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	9	5.	5.444	15.	0.	28.028	5.294	0.	0.	10.	15.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.	7.891	8.5	7.5	0.091	0.302	7.5	7.5	8.	8.4
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.	7.801	8.5	7.5	0.1	0.316	7.5	7.5	8.	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.01	0.016	0.032	0.003	0.	0.011	0.005	0.01	0.032	0.032
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	10	265.	626.9	2400.	39.	619776.1	787.259	48.1	130.	1090.	2320.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	10	2.4	2.494	3.38	1.591	0.305	0.552	1.643	2.114	3.024	3.363
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			311.956								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	120.	363.3	2400.	17.	534877.567	731.353	18.6	33.	262.5	2214.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	10	2.078	2.072	3.38	1.23	0.394	0.628	1.259	1.519	2.356	3.315
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			118.166								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	10	120.	363.3	2400.	17.	534877.567	731.353	18.6	33.	262.5	2214.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	10	2.078	2.072	3.38	1.23	0.394	0.628	1.259	1.519	2.356	3.315
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			118.166								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	12	24.	23.75	30.	14.	20.75	4.555	15.5	21.25	27.75	29.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	9	5.	7.333	25.	0.	58.	7.616	0.	1.5	10.	25.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	7.9	7.95	8.5	7.3	0.179	0.423	7.36	7.55	8.45	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	7.889	7.779	8.5	7.3	0.211	0.459	7.36	7.55	8.45	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.013	0.017	0.05	0.003	0.	0.015	0.003	0.004	0.029	0.045
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	11	920.	986.455	2400.	17.	937666.673	968.332	26.4	110.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	11	2.964	2.654	3.38	1.23	0.501	0.708	1.346	2.041	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			451.209								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	9	280.	566.444	2400.	33.	542060.028	736.247	33.	167.5	730.	2400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	9	2.447	2.48	3.38	1.519	0.289	0.537	1.519	2.179	2.848	3.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			302.326								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	9	280.	566.444	2400.	33.	542060.028	736.247	33.	167.5	730.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	9	2.447	2.48	3.38	1.519	0.289	0.537	1.519	2.179	2.848	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			302.326								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	12	26.	25.583	34.	16.	26.992	5.195	17.2	22.	28.	33.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	8	9.	10.375	20.	5.	32.554	5.706	**	**	**	**
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	7.8	7.827	8.5	7.	0.158	0.398	7.1	7.5	8.	8.44
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	7.8	7.643	8.5	7.	0.196	0.442	7.1	7.5	8.	8.44
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.016	0.023	0.1	0.003	0.001	0.027	0.004	0.01	0.032	0.086
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	12	170.	616.417	2400.	2.	770103.902	877.556	8.	42.25	825.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	12	2.23	2.231	3.38	0.301	0.806	0.898	0.613	1.6	2.906	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			170.18								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	33.	174.182	920.	1.	86414.764	293.964	2.2	13.	220.	844.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	11	1.519	1.631	2.964	0.	0.724	0.851	0.169	1.114	2.342	2.918
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			42.79								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	11	33.	174.182	920.	1.	86414.764	293.964	2.2	13.	220.	844.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	11	1.519	1.631	2.964	0.	0.724	0.851	0.169	1.114	2.342	2.918
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			42.79								

** - 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 1976 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	12	26.	26.	33.	17.	24.909	4.991	17.3	23.25	30.	32.4
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	12	7.5	9.583	20.	0.	42.992	6.557	1.5	5.	15.	20.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.	7.892	8.3	7.5	0.052	0.227	7.5	7.8	8.	8.21
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.	7.834	8.3	7.5	0.055	0.235	7.5	7.8	8.	8.21
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.01	0.015	0.032	0.005	0.	0.009	0.007	0.01	0.016	0.032
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	12	280.	586.167	2400.	14.	533936.333	730.709	21.8	70.	825.	2160.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	12	2.447	2.399	3.38	1.146	0.453	0.673	1.283	1.845	2.906	3.327
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			250.84								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	12	79.5	320.833	2400.	2.	454725.424	674.333	4.7	24.75	305.	1842.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	12	1.866	1.871	3.38	0.301	0.673	0.82	0.523	1.386	2.466	3.186
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			74.338								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	12	25.5	23.25	31.	13.	33.841	5.817	13.	19.5	26.	30.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	12	5.	6.	18.	0.	32.727	5.721	0.	1.	9.	17.1
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.15	8.008	8.7	7.2	0.35	0.592	7.2	7.5	8.5	8.7
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	8.125	7.682	8.7	7.2	0.466	0.683	7.2	7.5	8.5	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.008	0.021	0.063	0.002	0.001	0.023	0.002	0.003	0.032	0.063
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	12	1260.	1405.5	2400.	46.	939159.364	969.102	65.2	492.5	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	12	3.084	2.937	3.38	1.663	0.331	0.575	1.776	2.649	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			865.094								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	12	315.	643.75	2400.	33.	556086.568	745.712	36.9	52.	920.	2160.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	12	2.496	2.442	3.38	1.519	0.436	0.661	1.562	1.708	2.964	3.327
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			276.597								

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

Annual Analysis for 1978 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	11	25.	23.773	29.	15.5	25.168	5.017	16.1	18.5	28.	28.9
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	11	6.	4.727	8.	0.	7.418	2.724	0.	4.	6.	8.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	7.7	7.818	8.5	7.5	0.104	0.322	7.5	7.5	8.	8.44
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	7.7	7.731	8.5	7.5	0.112	0.335	7.5	7.5	8.	8.44
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.02	0.019	0.032	0.003	0.	0.01	0.004	0.01	0.032	0.032
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	11	2400.	2254.545	2400.	1600.	104727.273	323.616	1600.	2400.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	11	3.38	3.348	3.38	3.204	0.005	0.071	3.204	3.38	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2229.434								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	11	1600.	1647.273	2400.	540.	634741.818	796.707	540.	920.	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	11	3.204	3.155	3.38	2.732	0.069	0.262	2.732	2.964	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1427.895								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	12	23.65	23.108	30.	12.5	32.441	5.696	13.25	18.875	28.125	29.85
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	11	6.	6.818	15.	0.	20.964	4.579	0.	4.	10.	14.4
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.2	7.955	8.5	7.	0.243	0.493	7.1	7.5	8.2	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	8.2	7.675	8.5	7.	0.329	0.574	7.1	7.5	8.2	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.006	0.021	0.1	0.003	0.001	0.029	0.003	0.006	0.032	0.086
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	12	2400.	1506.25	2400.	13.	1239253.114	1113.217	15.7	350.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	12	3.38	2.828	3.38	1.114	0.677	0.823	1.182	2.544	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			673.283								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	12	1260.	1246.167	2400.	7.	1240748.879	1113.889	7.3	69.25	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	12	3.084	2.583	3.38	0.845	0.964	0.982	0.862	1.796	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			383.229								

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

Annual Analysis for 1980 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	9	24.	22.5	30.	13.	36.375	6.031	13.	17.	27.75	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	9	0.	4.667	15.	0.	40.75	6.384	0.	0.	10.5	15.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	9	7.7	7.86	8.3	7.2	0.149	0.387	7.2	7.615	8.25	8.3
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	9	7.7	7.707	8.3	7.2	0.176	0.419	7.2	7.615	8.25	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	9	0.02	0.02	0.063	0.005	0.	0.018	0.005	0.006	0.024	0.063
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	9	2400.	2028.889	2400.	540.	551311.111	742.503	540.	1660.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	9	3.38	3.262	3.38	2.732	0.058	0.242	2.732	3.172	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1827.941								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	9	2400.	1843.333	2400.	350.	724300.	851.058	350.	920.	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	9	3.38	3.195	3.38	2.544	0.092	0.303	2.544	2.964	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1565.914								

** - 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 DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	12	25.5	24.558	31.	14.	28.459	5.335	15.2	19.775	29.375	30.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	12	10.	9.417	20.	0.	24.992	4.999	1.5	5.75	10.	18.5
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	7.9	7.832	8.17	7.22	0.1	0.317	7.244	7.663	8.115	8.158
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	7.898	7.71	8.17	7.22	0.116	0.341	7.244	7.663	8.115	8.158
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.013	0.019	0.06	0.007	0.	0.018	0.007	0.008	0.022	0.057
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	12	2400.	1725.75	2400.	79.	1004853.114	1002.424	160.3	540.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	12	3.38	3.079	3.38	1.898	0.241	0.491	2.092	2.732	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1199.539								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	12	730.	1101.583	2400.	79.	861255.538	928.039	106.3	252.5	2200.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	12	2.848	2.833	3.38	1.898	0.252	0.502	1.997	2.393	3.336	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			680.249								

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

Annual Analysis for 1982 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	11	24.5	24.091	30.	17.	24.441	4.944	17.2	19.	29.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	11	5.	6.364	20.	0.	30.455	5.519	0.	4.	8.	18.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	7.58	7.582	7.87	7.12	0.044	0.209	7.18	7.5	7.77	7.862
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	7.58	7.531	7.87	7.12	0.047	0.216	7.18	7.5	7.77	7.862
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.026	0.029	0.076	0.013	0.	0.017	0.014	0.017	0.032	0.068
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	11	2400.	2134.545	2400.	280.	435927.273	660.248	544.	2400.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	11	3.38	3.279	3.38	2.447	0.079	0.281	2.599	3.38	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1902.742								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	11	1600.	1365.727	2400.	23.	704000.818	839.048	66.4	920.	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	11	3.204	2.944	3.38	1.362	0.36	0.6	1.565	2.964	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			879.445								

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

Annual Analysis for 1983 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	12	22.	22.5	29.	16.	18.455	4.296	16.6	19.	25.75	29.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	12	7.	8.083	20.	0.	38.447	6.201	0.	4.	13.75	18.5
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	12	7.73	7.85	8.5	7.54	0.1	0.316	7.573	7.668	7.875	8.5
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	12	7.73	7.775	8.5	7.54	0.106	0.326	7.573	7.668	7.875	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	12	0.019	0.017	0.029	0.003	0.	0.008	0.003	0.013	0.022	0.027
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	12	2400.	2266.667	2400.	1600.	96969.697	311.4	1600.	2400.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	12	3.38	3.351	3.38	3.204	0.005	0.069	3.204	3.38	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2243.173								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	12	1260.	1473.333	2400.	240.	771951.515	878.608	330.	635.	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	12	3.084	3.07	3.38	2.38	0.112	0.335	2.486	2.79	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1175.244								

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

Annual Analysis for 1984 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	5	24.	21.8	26.	16.	20.2	4.494	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	5	10.	13.8	30.	6.	93.2	9.654	**	**	**	**
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	5	8.	7.912	8.5	7.13	0.243	0.493	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	5	8.	7.661	8.5	7.13	0.322	0.567	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	5	0.01	0.022	0.074	0.003	0.001	0.029	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	5	2400.	2240.	2400.	1600.	128000.	357.771	**	**	**	**
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	5	3.38	3.345	3.38	3.204	0.006	0.079	**	**	**	**
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2213.059								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	5	1600.	1648.	2400.	920.	548320.	740.486	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	5	3.204	3.178	3.38	2.964	0.044	0.209	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1508.077								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	11	25.9	23.909	30.9	7.	51.947	7.207	8.8	21.6	29.8	30.8
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	11	7.	10.545	25.	3.	72.873	8.537	3.	5.	20.	25.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	11	7.91	7.89	8.15	7.51	0.041	0.202	7.53	7.8	8.05	8.144
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	11	7.91	7.845	8.15	7.51	0.043	0.208	7.53	7.8	8.05	8.144
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	11	0.012	0.014	0.031	0.007	0.	0.007	0.007	0.009	0.016	0.03
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	11	2400.	2327.273	2400.	1600.	58181.818	241.209	1760.	2400.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	11	3.38	3.364	3.38	3.204	0.003	0.053	3.239	3.38	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2313.145								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	11	1600.	1246.364	2400.	350.	617785.455	785.993	350.	350.	1600.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	11	3.204	2.991	3.38	2.544	0.115	0.339	2.544	2.544	3.204	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			980.37								

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

Annual Analysis for 1986 - Station DESO0030

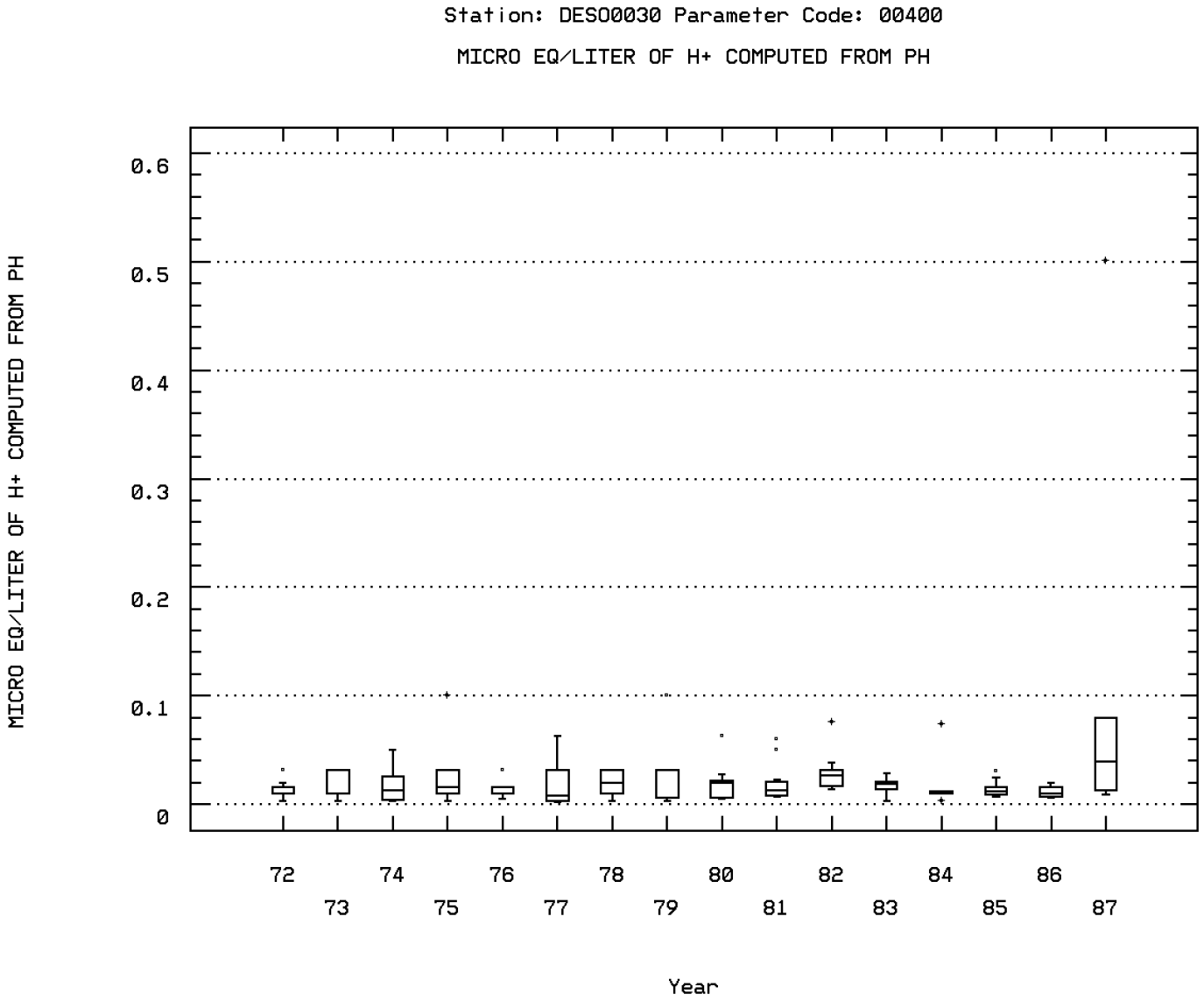
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	10	24.9	23.74	31.5	11.	33.594	5.796	11.9	20.225	27.25	31.3
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	10	7.5	11.2	30.	5.	82.178	9.065	5.	5.	15.25	29.5
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	10	8.	7.982	8.21	7.71	0.029	0.17	7.719	7.8	8.135	8.204
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	10	8.	7.951	8.21	7.71	0.03	0.173	7.719	7.8	8.135	8.204
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	10	0.01	0.011	0.019	0.006	0.	0.005	0.006	0.007	0.016	0.019
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	10	2400.	2400.	2400.	2400.	0.	0.	2400.	2400.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	10	3.38	3.38	3.38	3.38	0.	0.	3.38	3.38	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2400.								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	10	2400.	1743.	2400.	350.	827245.556	909.53	369.	540.	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	10	3.38	3.149	3.38	2.544	0.115	0.339	2.563	2.732	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1410.666								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	12	0.5	0.583	1.	0.	0.129	0.359	0.	0.5	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	11	25.	24.6	30.8	17.2	16.488	4.061	17.68	22.	28.8	30.42
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	11	8.	10.636	30.	5.	58.655	7.659	5.	5.	10.	28.
00400p	PH (STANDARD UNITS)	04/04/72-07/13/87	7	7.4	7.394	8.07	6.3	0.346	0.588	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	7	7.4	6.993	8.07	6.3	0.533	0.73	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	7	0.04	0.102	0.501	0.009	0.032	0.178	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	12	2400.	2139.917	2400.	79.	474120.083	688.564	535.3	2400.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	12	3.38	3.242	3.38	1.898	0.182	0.426	2.29	3.38	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1745.775								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	12	1600.	1374.583	2400.	5.	853197.538	923.687	87.5	397.5	2400.	2400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	12	3.204	2.877	3.38	0.699	0.582	0.763	1.223	2.591	3.38	3.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			752.717								

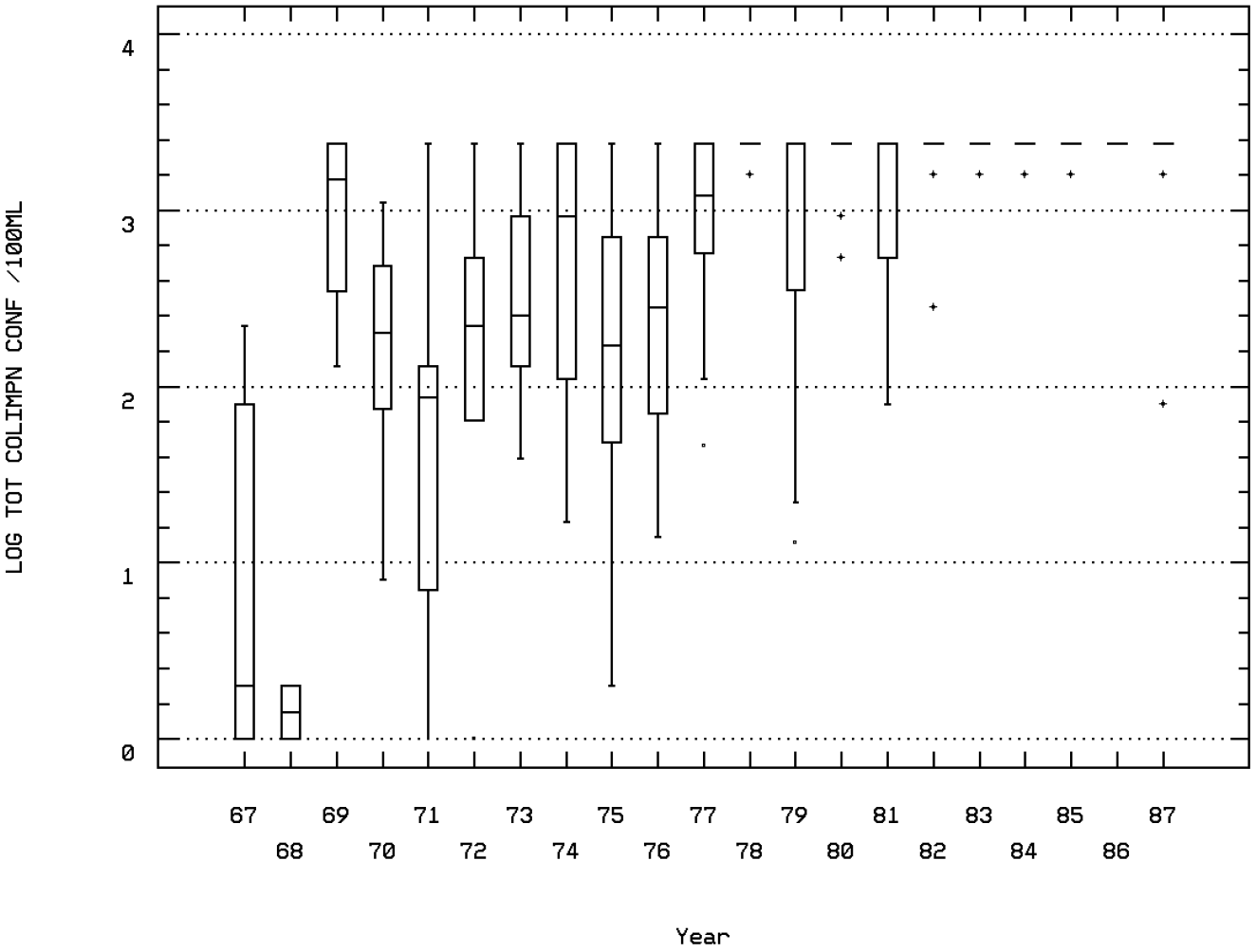
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



WSB-18 SARASOTA BAY

Station: DES00030 Parameter Code: 31505

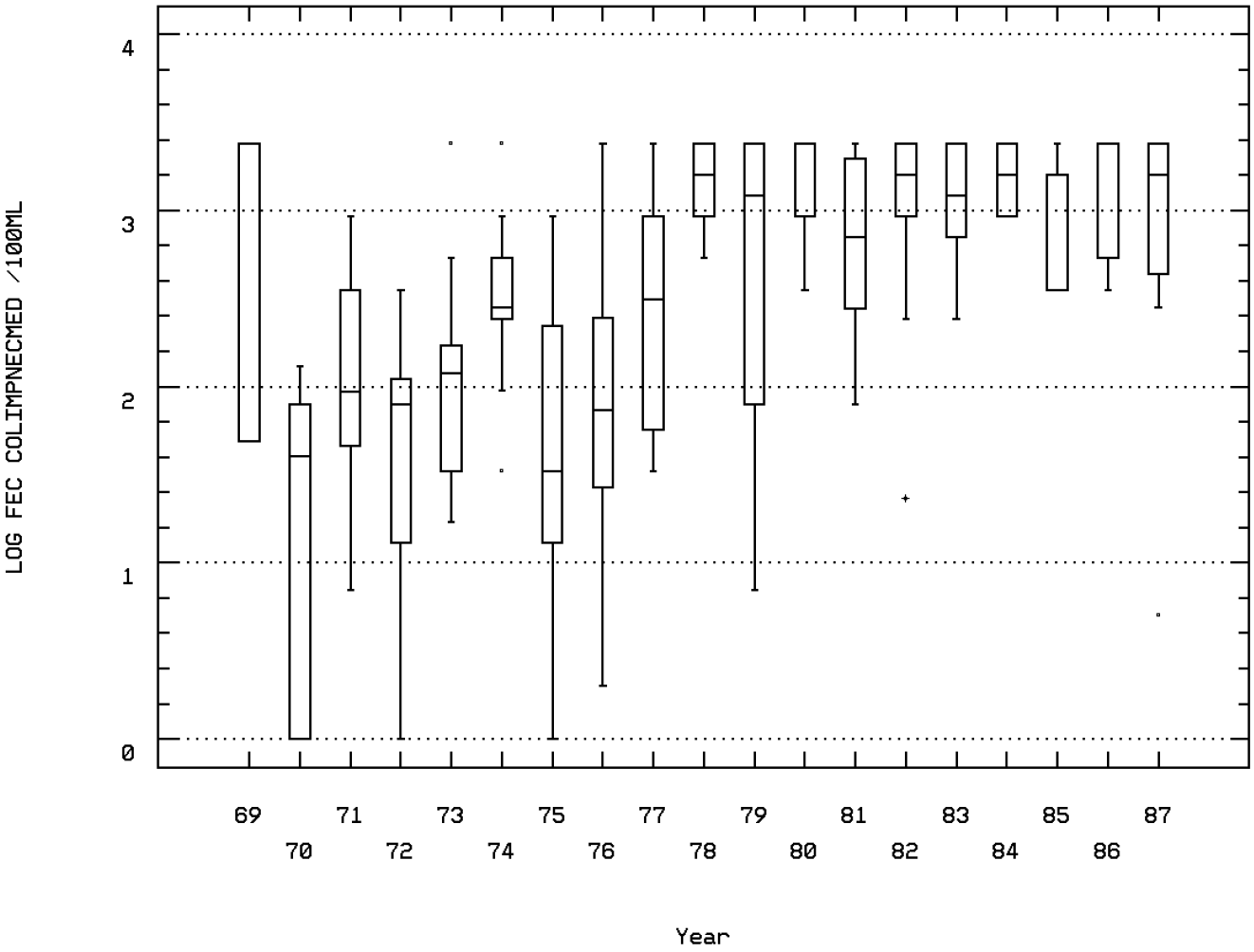
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



WSB-18 SARASOTA BAY

Station: DES00030 Parameter Code: 31615

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



WSB-18 SARASOTA BAY

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	42	0.	0.036	0.5	0.	0.017	0.13	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	32	28.	27.841	31.	22.	3.792	1.947	25.09	26.625	29.	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	29	5.	7.31	25.	0.	46.007	6.783	0.	3.5	10.	20.
00400	PH (STANDARD UNITS)	04/04/72-07/13/87	29	7.8	7.817	8.5	7.	0.166	0.407	7.2	7.5	8.	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	29	7.8	7.639	8.5	7.	0.199	0.446	7.2	7.5	8.	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	29	0.016	0.023	0.1	0.003	0.001	0.023	0.003	0.01	0.032	0.063
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	42	1600.	1351.081	2400.	0.2	1172874.439	1082.993	4.	137.5	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	42	3.204	2.596	3.38	-0.699	1.322	1.15	0.312	2.138	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			394.759								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	13	170.	390.923	920.	17.	155636.41	394.508	23.4	51.5	920.	920.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	13	2.23	2.263	2.964	1.23	0.4	0.632	1.346	1.682	2.964	2.964
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			183.058								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	35	920.	1011.829	2400.	17.	809052.97	899.474	33.	110.	1600.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	35	2.964	2.689	3.38	1.23	0.441	0.664	1.519	2.041	3.204	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			488.539								

** - Less than 9 observations ## - Computed 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: 10/20 to 4/30 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	118	0.	0.025	1.	0.	0.021	0.144	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	97	21.	20.475	28.	7.	17.475	4.18	14.	18.	24.	26.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	90	8.	9.011	30.	0.	48.685	6.977	0.	5.	12.	20.
00400	PH (STANDARD UNITS)	04/04/72-07/13/87	94	7.865	7.891	8.7	7.	0.119	0.345	7.5	7.688	8.122	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	94	7.865	7.759	8.7	7.	0.137	0.37	7.5	7.687	8.122	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	94	0.014	0.017	0.1	0.002	0.	0.015	0.003	0.008	0.021	0.032
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	117	2400.	1467.906	2400.	1.	1080346.207	1039.397	30.8	250.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	117	3.38	2.793	3.38	0.	0.753	0.868	1.483	2.395	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			621.276								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	33	79.	326.909	2400.	1.	463378.71	680.719	3.4	33.	260.	1656.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	33	1.898	1.839	3.38	0.	0.735	0.857	0.338	1.519	2.414	3.121
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			69.103								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	108	540.	1011.444	2400.	1.	939693.315	969.378	31.9	83.	2400.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	108	2.732	2.561	3.38	0.	0.709	0.842	1.501	1.918	3.38	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			364.038								

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-12/01/87	50	0.	0.05	1.	0.	0.043	0.208	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/72-11/03/87	44	29.	28.477	34.	24.	5.728	2.393	25.	26.075	30.	31.25
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-12/01/87	40	5.5	6.825	25.	0.	24.558	4.956	0.	4.	10.	12.7
00400	PH (STANDARD UNITS)	04/04/72-07/13/87	43	7.91	7.823	8.7	6.3	0.192	0.439	7.34	7.5	8.1	8.42
00400	CONVERTED PH (STANDARD UNITS)	04/04/72-07/13/87	43	7.91	7.513	8.7	6.3	0.291	0.539	7.34	7.5	8.1	8.42
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/72-07/13/87	43	0.012	0.031	0.501	0.002	0.006	0.075	0.004	0.008	0.032	0.046
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-12/01/87	49	920.	1257.555	2400.	0.2	1106263.357	1051.791	47.	200.	2400.	2400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-12/01/87	49	2.964	2.716	3.38	-0.699	0.739	0.86	1.672	2.299	3.38	3.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			519.755								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	14	74.5	262.3	2400.	0.2	387463.998	622.466	0.6	11.5	225.	1340.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-12/16/75	14	1.871	1.645	3.38	-0.699	1.11	1.053	-0.349	1.047	2.352	2.914
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			44.181								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	46	350.	824.526	2400.	0.2	884450.482	940.452	6.4	48.25	1600.	2400.

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

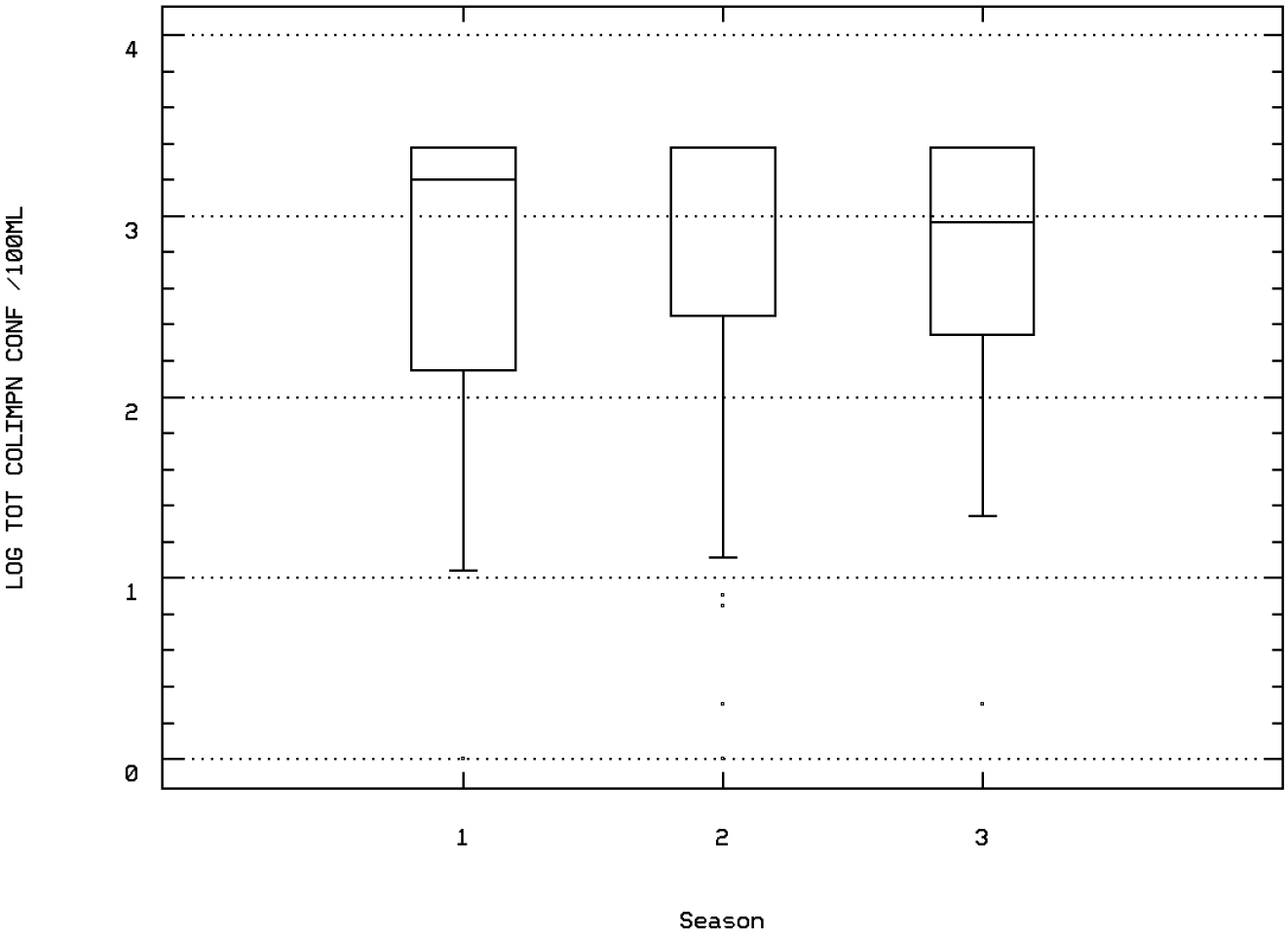
Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-12/01/87	46	2.544	2.319	3.38	-0.699	1.043	1.021	0.801	1.683	3.204	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			208.5								

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

Station: DESO0030 Parameter Code: 31505

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



WSB-18 SARASOTA BAY

Station Inventory for Station: DESO0031

NPS Station ID: DESO0031
LAT/LON: 27.543087/ -82.644531
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP North Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 432
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100202
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/27/95-11/16/98	13	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/95-11/16/98	13	24.	22.615	32.	15.	41.256	6.423	15.	16.5	28.5	32.
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/21/96-11/16/98	12	1.4	1.317	2.	1.	0.103	0.321	1.	1.	1.5	1.85
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/95-11/16/98	12	10.	13.333	30.	5.	74.242	8.616	5.	10.	17.5	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/27/95-11/16/98	13	43740.	42893.846	46500.	32480.	16489292.308	4060.701	34608.	41350.	46200.	46460.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/95-11/16/98	13	7.2	7.2	9.3	4.5	2.295	1.515	4.58	6.1	8.5	9.06
00400	PH (STANDARD UNITS)	11/27/95-11/16/98	12	8.1	8.108	8.4	7.9	0.017	0.131	7.93	8.	8.2	8.34
00400	CONVERTED PH (STANDARD UNITS)	11/27/95-11/16/98	12	8.1	8.091	8.4	7.9	0.018	0.132	7.93	8.	8.2	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/95-11/16/98	12	0.008	0.008	0.013	0.004	0.	0.002	0.005	0.006	0.01	0.012
00480	SALINITY - PARTS PER THOUSAND	11/27/95-11/16/98	13	29.	28.	31.	20.	10.167	3.189	21.2	27.5	30.	31.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/27/95-11/16/98	12	17.5	19.667	45.	2.	230.97	15.198	2.6	5.25	33.75	43.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/95-11/16/98	12 ##	0.005	0.013	0.1	0.005	0.001	0.027	0.005	0.005	0.005	0.073
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/27/95-11/16/98	12	0.04	0.033	0.06	0.01	0.	0.02	0.01	0.01	0.05	0.057
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/27/95-11/16/98	13	0.465	0.484	0.835	0.255	0.022	0.15	0.281	0.413	0.523	0.781
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/27/95-11/16/98	12	0.01	0.023	0.06	0.005	0.	0.022	0.005	0.006	0.045	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/27/95-11/16/98	13	0.1	0.11	0.264	0.005	0.008	0.09	0.005	0.018	0.201	0.251
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11/27/95-11/16/98	12	3.65	4.767	15.7	0.7	18.106	4.255	0.85	1.625	7.1	13.63
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	11/27/95-11/16/98	13	1.5	1.408	2.	1.	0.102	0.32	1.	1.	1.5	1.92
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/27/95-11/16/98	13	1.6	1.915	3.6	1.	0.673	0.82	1.12	1.35	2.3	3.56

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

EPA Water Quality Criteria Analysis for Station: DESO0031

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	3	0	0.00	8	0	0.00	2	0	0.00			
00400	PH	Marine Chronic	8.5	12	0	0.00	2	0	0.00	8	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	8	0	0.00	2	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	13	0	0.00	3	0	0.00	8	0	0.00	2	0	0.00			

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

Station Inventory for Station: DESO0032

NPS Station ID: DESO0032
LAT/LON: 27.487226/ -82.644726
Agency: 21FLMML
Date Created: 04/11/98
Location: PALMA SOLA BAY - PVT CHNL 100M W OF BRDG
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/SOLIDS
STORET Station ID(s): 272914082384100
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100201
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100201
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	2	6.725	6.725	7.78	5.67	2.226	1.492	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	2	0.83	0.83	0.88	0.78	0.005	0.071	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	2	32.6	32.6	34.	31.2	3.92	1.98	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	2	28.8	28.8	34.5	23.1	64.98	8.061	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	2	84.4	84.4	90.8	78.	81.92	9.051	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	2	35200.	35200.	37700.	32700.	12500000.	3535.534	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	2	329.5	329.5	548.	111.	95484.5	309.006	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2	510.	510.	588.	432.	12168.	110.309	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2	428.5	428.5	453.	404.	1200.5	34.648	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2	252.	252.	252.	252.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	5.375	5.375	10.7	0.05	56.711	7.531	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.975	0.975	1.9	0.05	1.711	1.308	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2	7.1	7.1	8.2	6.	2.42	1.556	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2	6.55	6.55	8.3	4.8	6.125	2.475	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	2 ##	1.225	1.225	2.4	0.05	2.761	1.662	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	2 ##	1.375	1.375	2.7	0.05	3.511	1.874	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.725	0.725	1.4	0.05	0.911	0.955	**	**	**	**
50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2	1.04	1.04	1.34	0.74	0.18	0.424	**	**	**	**
50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2	0.395	0.395	0.45	0.34	0.006	0.078	**	**	**	**
50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2	199.5	199.5	314.	85.	26220.5	161.927	**	**	**	**
50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	1	20.4	20.4	20.4	20.4	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DESO0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	1	21.8	21.8	21.8	21.8	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	1	44.4	44.4	44.4	44.4	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	1	15.3	15.3	15.3	15.3	0.	0.	**	**	**	**
80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**

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

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

Station Inventory for Station: DESO0033

NPS Station ID: DESO0033
LAT/LON: 27.543087/ -82.645116
Agency: 21FLA
Date Created: / /
Location: WTC-7 TERRA CEIA BAY
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 24010267
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: TAMPA BAY AREA
ECO Region:
RF1 Index: 03100206001
RF1 Mile Point: 0.930
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03100202000408.76
RF3 Mile Point: 9.25
Distance from RF3: 0.02
On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER: BAY, TERRA CEIA TAMPA BAY-SAMPLE PICKED AT MIDDLE
TERRA CEIA BAY-MOUTH OF TERRA CEIA BAY AND OF ENTRANCE (MARCH JUNE SEPT DEC)

Parameter Inventory for Station: DESO0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	100	0.	0.04	1.	0.	0.034	0.184	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/69-12/07/87	55	23.	23.309	32.	14.	26.619	5.159	16.66	18.5	28.	29.76
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	49	8.	7.551	15.	0.	13.294	3.646	4.	5.	10.	12.
00400p	PH (STANDARD UNITS)	03/13/72-06/03/87	49	8.5	8.387	8.7	7.69	0.054	0.233	8.	8.24	8.5	8.7
00400p	CONVERTED PH (STANDARD UNITS)	03/13/72-06/03/87	49	8.5	8.315	8.7	7.69	0.059	0.244	8.	8.24	8.5	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/03/87	49	0.003	0.005	0.02	0.002	0.	0.003	0.002	0.003	0.006	0.01
00403	PH, LAB, STANDARD UNITS SU	09/15/87-12/07/87	2	7.7	7.7	7.8	7.6	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/15/87-12/07/87	2	7.689	7.689	7.8	7.6	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/87-12/07/87	2	0.02	0.02	0.025	0.016	0.	0.007	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	99	2.	18.414	350.	1.	2293.694	47.893	1.	1.	17.	49.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	99	0.301	0.601	2.544	0.	0.479	0.692	0.	0.	1.23	1.69
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.987								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	31 ##	1.	4.935	49.	1.	101.262	10.063	1.	1.	2.	21.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	31 ##	0.	0.275	1.69	0.	0.248	0.498	0.	0.	0.301	1.312
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.885								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	71 ##	1.	6.042	49.	1.	108.212	10.403	1.	1.	5.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	71 ##	0.	0.381	1.69	0.	0.275	0.524	0.	0.	0.699	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.403								

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

EPA Water Quality Criteria Analysis for Station: DESO0033

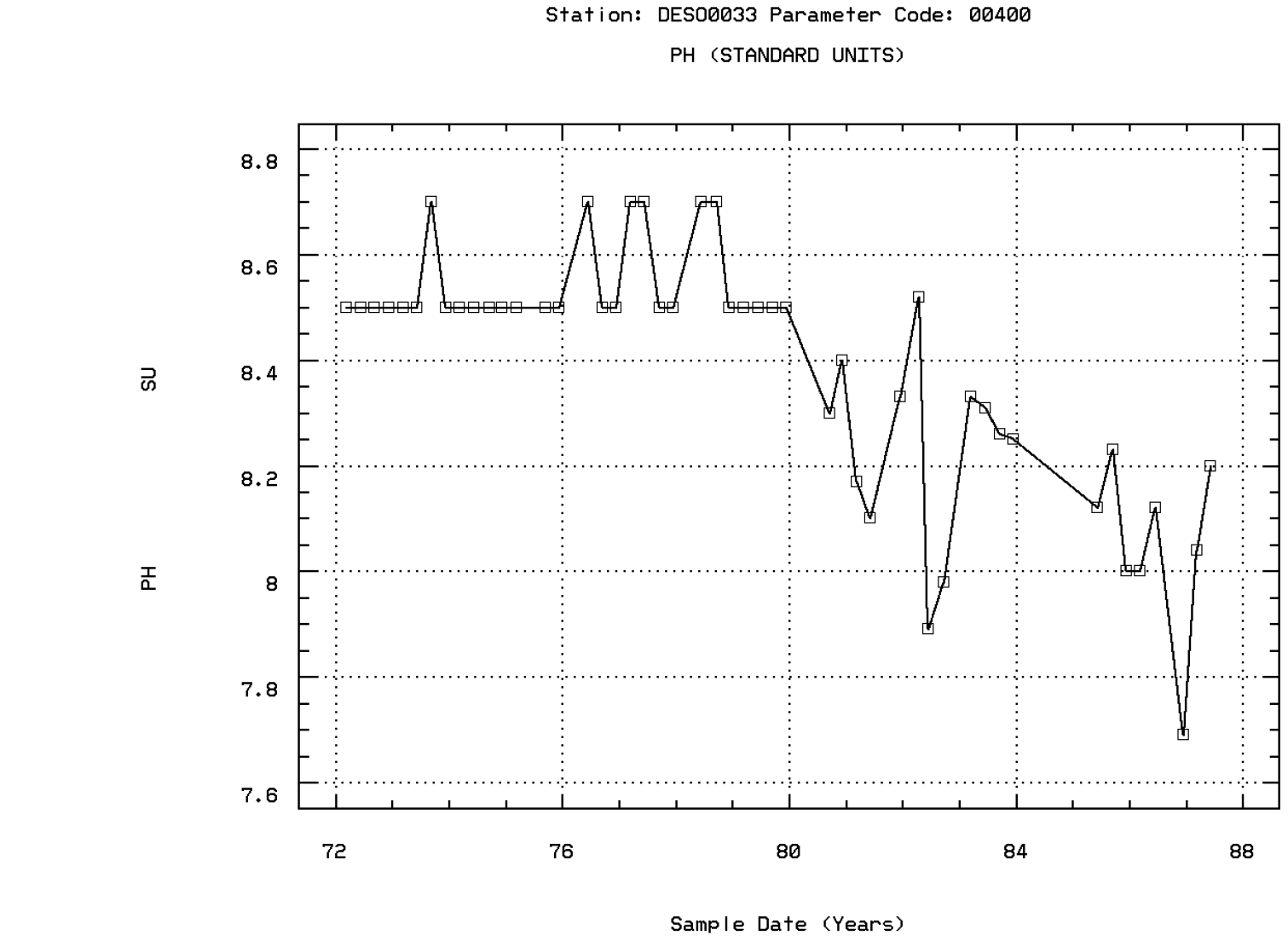
Parameter				Total	Exceed	Prop.	8/01-10/19			10/20-4/30			5/01-7/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Marine Chronic	8.5	49	30	0.61	12	8	0.67	24	15	0.63	13	7	0.54			
		Other-Lo Lim.	6.5	49	0	0.00	12	0	0.00	24	0	0.00	13	0	0.00			
00403	PH, LAB	Marine Chronic	8.5	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						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	99	0	0.00	25	0	0.00	47	0	0.00	27	0	0.00			

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

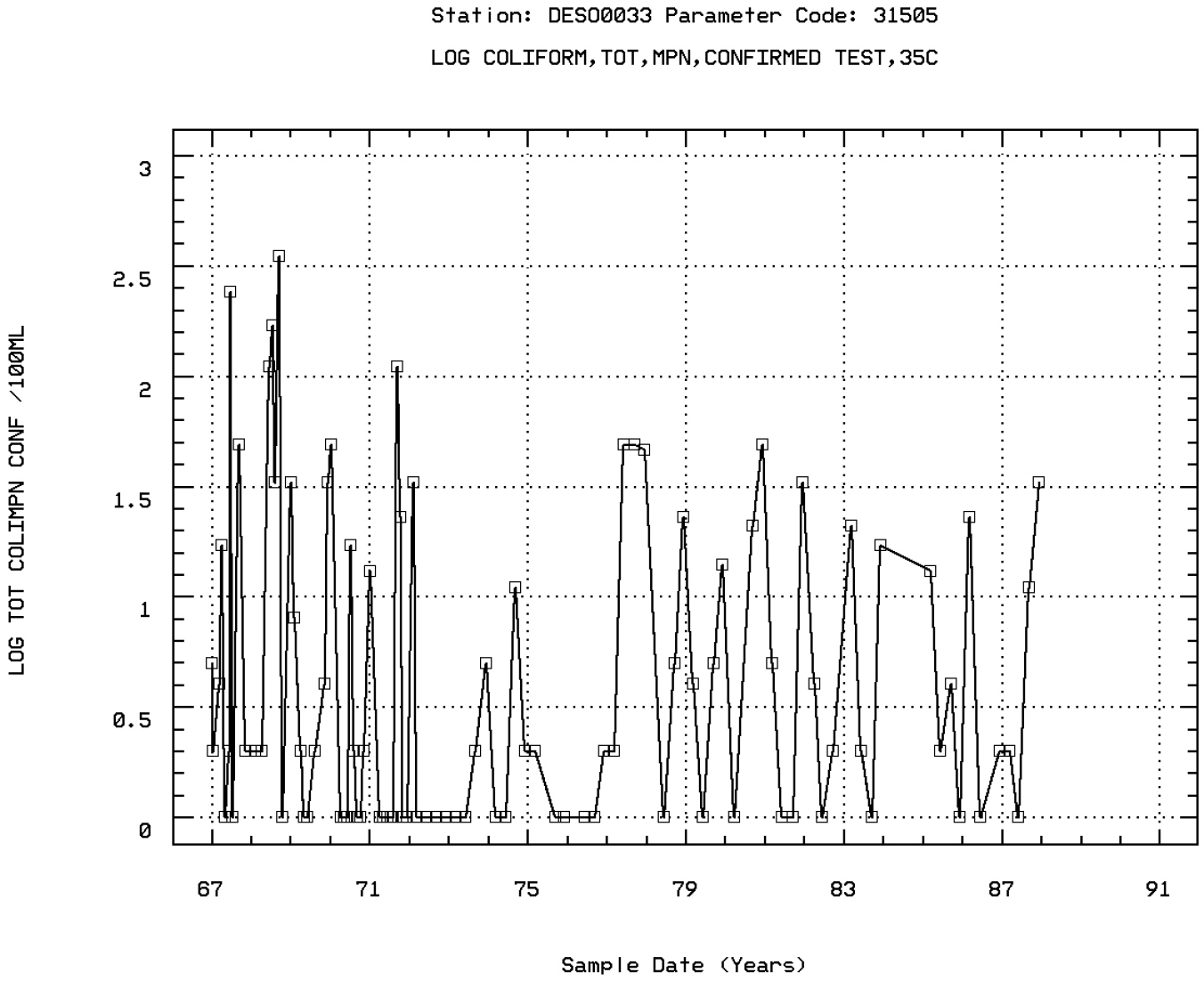
EPA Water Quality Criteria Analysis for Station: DESO0033

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	31	0	0.00	7	0	0.00	16	0	0.00	8	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	71	0	0.00	18	0	0.00	35	0	0.00	18	0	0.00			

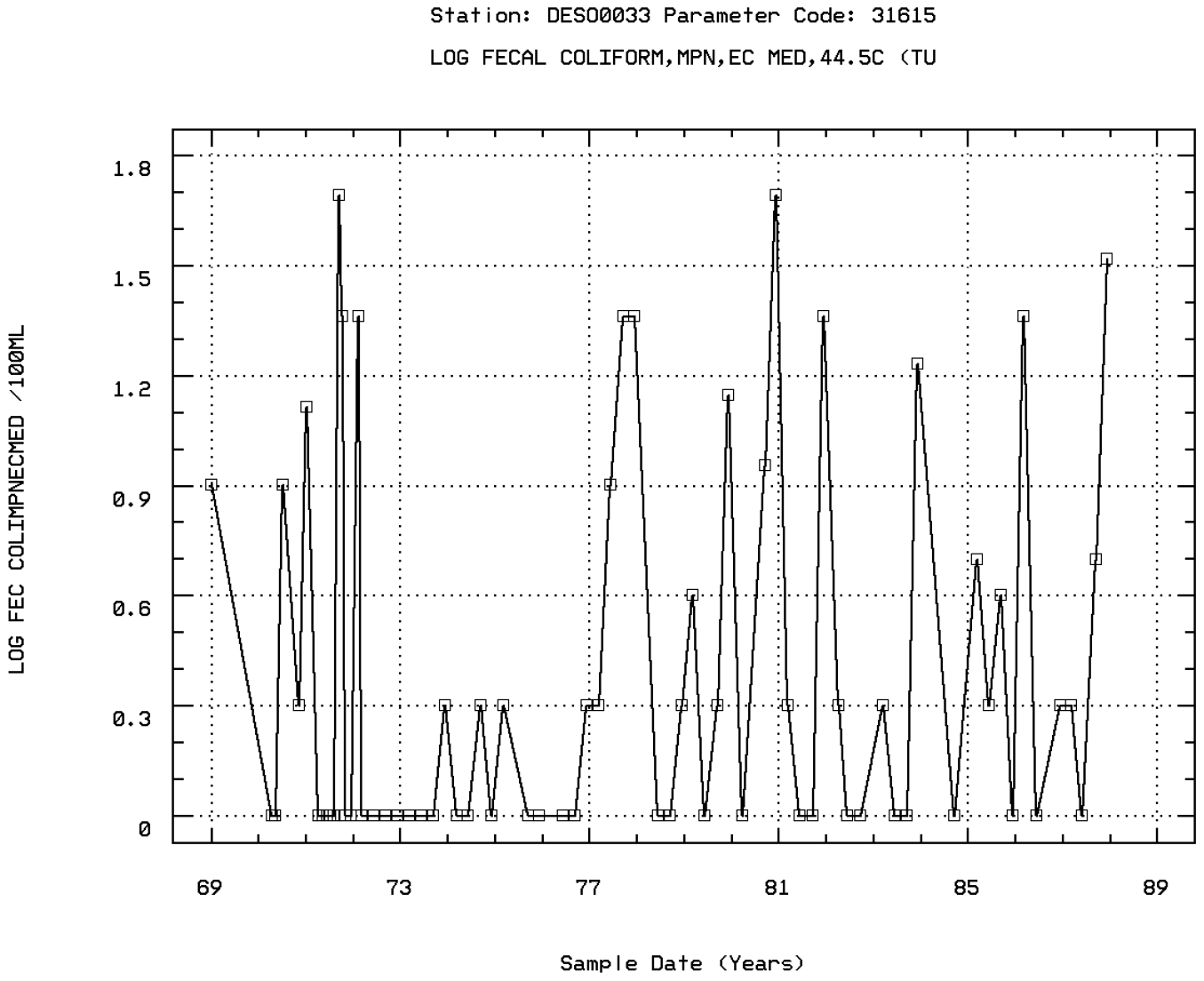
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



WTC-7 TERRA CEIA BAY



WTC-7 TERRA CEIA BAY



WTC-7 TERRA CEIA BAY

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	26	0.	0.019	0.5	0.	0.01	0.098	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/69-12/07/87	13	28.	27.746	30.	24.	2.336	1.528	24.8	27.05	28.5	29.84
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	13	8.	6.923	15.	0.	19.244	4.387	0.	4.	10.	13.8
00400	PH (STANDARD UNITS)	03/13/72-06/03/87	12	8.5	8.431	8.7	7.98	0.042	0.205	8.055	8.27	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/03/87	12	8.5	8.382	8.7	7.98	0.045	0.212	8.055	8.27	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/03/87	12	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.005	0.009
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	25	2.	27.52	350.	1.	5119.177	71.548	1.	1.	22.	73.4
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	25	0.301	0.698	2.544	0.	0.581	0.762	0.	0.	1.342	1.831
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.991								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	7 ##	1.	11.143	49.	1.	344.81	18.569	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	7 ##	0.	0.479	1.69	0.	0.533	0.73	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.013								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	18 ##	1.	7.056	49.	1.	158.997	12.609	1.	1.	6.	25.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	18 ##	0.	0.404	1.69	0.	0.328	0.572	0.	0.	0.763	1.395
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.535								

** - Less than 9 observations ## - Computed 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: 10/20 to 4/30 - Station DESO0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	47	0.	0.053	1.	0.	0.046	0.215	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/69-12/07/87	29	19.	18.941	24.	14.	6.638	2.576	15.	17.7	20.75	23.
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	25	8.	8.12	15.	0.	11.027	3.321	4.6	6.	10.	13.2
00400	PH (STANDARD UNITS)	03/13/72-06/03/87	24	8.5	8.372	8.7	7.69	0.055	0.234	8.	8.27	8.5	8.51
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/03/87	24	8.5	8.296	8.7	7.69	0.061	0.246	8.	8.27	8.5	8.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/03/87	24	0.003	0.005	0.02	0.002	0.	0.004	0.003	0.003	0.005	0.01
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	47	4.	11.149	49.	1.	204.216	14.29	1.	2.	17.	33.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	47	0.602	0.671	1.69	0.	0.347	0.589	0.	0.301	1.23	1.519
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.688								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	16 ##	1.	3.75	23.	1.	37.267	6.105	1.	1.	2.	16.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	16 ##	0.	0.268	1.362	0.	0.202	0.45	0.	0.	0.301	1.188
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.852								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	35	2.	7.686	49.	1.	128.045	11.316	1.	1.	13.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	35	0.301	0.505	1.69	0.	0.306	0.553	0.	0.	1.114	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.196								

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0033

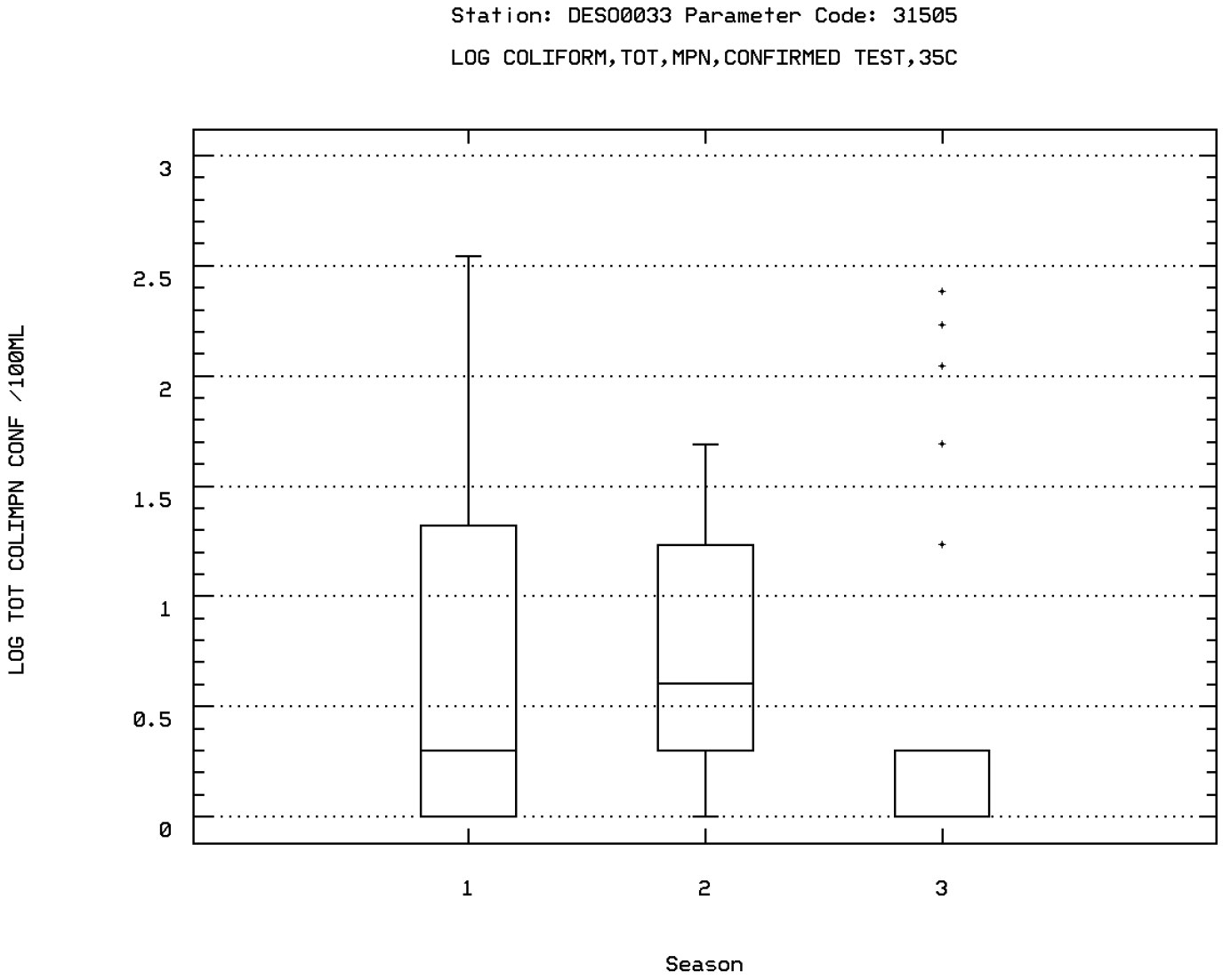
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/67-12/07/87	27	0.	0.037	1.	0.	0.037	0.192	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/69-12/07/87	13	29.	28.615	32.	25.	4.025	2.006	25.4	27.	30.	31.6
00035	WIND VELOCITY (MILES PER HOUR)	09/11/72-12/07/87	11	8.	7.	12.	0.	12.6	3.55	0.8	4.	10.	11.6
00400	PH (STANDARD UNITS)	03/13/72-06/03/87	13	8.5	8.372	8.7	7.89	0.071	0.267	7.974	8.12	8.6	8.7
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/03/87	13	8.5	8.295	8.7	7.89	0.078	0.279	7.974	8.12	8.6	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/03/87	13	0.003	0.005	0.013	0.002	0.	0.003	0.002	0.003	0.008	0.011
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/67-12/07/87	27 ##	1.	22.63	240.	1.	3365.165	58.01	1.	1.	2.	122.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/67-12/07/87	27 ##	0.	0.388	2.38	0.	0.592	0.769	0.	0.	0.301	2.079
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.443								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	8 ##	1.	1.875	8.	1.	6.125	2.475	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/69-12/08/75	8 ##	0.	0.113	0.903	0.	0.102	0.319	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.297								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	18 ##	1.	1.833	8.	1.	5.088	2.256	1.	1.	1.	8.

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/06/69-12/07/87	18 ##	0.	0.117	0.903	0.	0.087	0.295	0.	0.	0.	0.903
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.309								

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



WTC-7 TERRA CEIA BAY

Station Inventory for Station: DESO0034

NPS Station ID: DESO0034
LAT/LON: 27.523226/ -82.646004
Agency: 21FLA
Date Created: / /
Location: WN-7 MANATEE R ENT
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 24010340
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100202
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: TAMPA BAY AREA
ECO Region:
RF1 Index: 03100202009
RF1 Mile Point: 1.480
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03100201000921.07
RF3 Mile Point: 21.44
Distance from RF3: 0.01
On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER: RIVER, MANATEE MANATEE RIVER ENTRANCE-SAMPLE PICKED ON SOUTH SIDE OF RIVER AT DESOTO NATIONAL PARK

Parameter Inventory for Station: DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	236	0.	0.163	15.	0.	1.366	1.169	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	230	24.	23.313	36.	1.8	29.635	5.444	16.	19.375	27.625	29.95
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	151	6.	7.252	30.	0.	32.816	5.729	0.	4.	10.	15.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	230	4.	5.342	66.	0.	31.442	5.607	1.71	2.5	6.6	9.89
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	174	15.	19.466	80.	1.5	173.901	13.187	6.5	10.	25.	35.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	168	36500.	37234.048	51370.	10800.	52469111.662	7243.557	29810.	32000.	43012.5	47510.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	233	7.3	7.343	12.7	1.9	3.189	1.786	5.04	6.	8.6	9.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	234	2.	2.358	40.	0.7	7.49	2.737	1.	1.6	2.6	3.25
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	221	8.33	8.24	9.	5.9	0.146	0.382	7.8	8.	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	221	8.33	7.84	9.	5.9	0.307	0.554	7.8	8.	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	221	0.005	0.014	1.259	0.001	0.007	0.085	0.003	0.003	0.01	0.016
00403	PH, LAB, STANDARD UNITS SU	01/05/71-12/02/87	10	8.	7.97	8.5	7.4	0.151	0.389	7.4	7.625	8.275	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/71-12/02/87	10	8.	7.816	8.5	7.4	0.178	0.421	7.4	7.625	8.275	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/71-12/02/87	10	0.01	0.015	0.04	0.003	0.	0.014	0.003	0.006	0.025	0.04
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	232	31.2	30.418	37.6	6.5	17.15	4.141	26.	28.825	32.7	34.5
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	106	0.023	0.05	0.4	0.	0.008	0.087	0.	0.014	0.035	0.135
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/02/71-02/02/71	1	1.76	1.76	1.76	1.76	0.	0.	**	**	**	**
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	91	1.	1.193	4.62	0.46	0.384	0.62	0.56	0.78	1.46	1.976
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	225	5400.	5390.751	8700.	1800.	1111294.286	1054.179	4229.6	4806.	6000.	6659.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	230	16990.	16492.857	22490.	3249.	8534297.53	2921.352	13265.	15000.	18240.	19535.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	99	2.4	2.358	5.4	0.	0.876	0.936	1.09	1.79	2.95	3.5
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	129	0.96	1.083	4.8	0.49	0.339	0.582	0.75	0.89	1.02	1.32
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/08/87-07/08/87	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/08/87-07/08/87	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/08/87-07/08/87	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/08/87-07/08/87	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.								
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	137	0.26	0.768	8.5	0.109	1.43	1.196	0.161	0.199	1.15	1.5
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/02/72-12/05/78	72	0.	0.117	0.7	0.	0.03	0.174	0.	0.	0.2	0.4

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

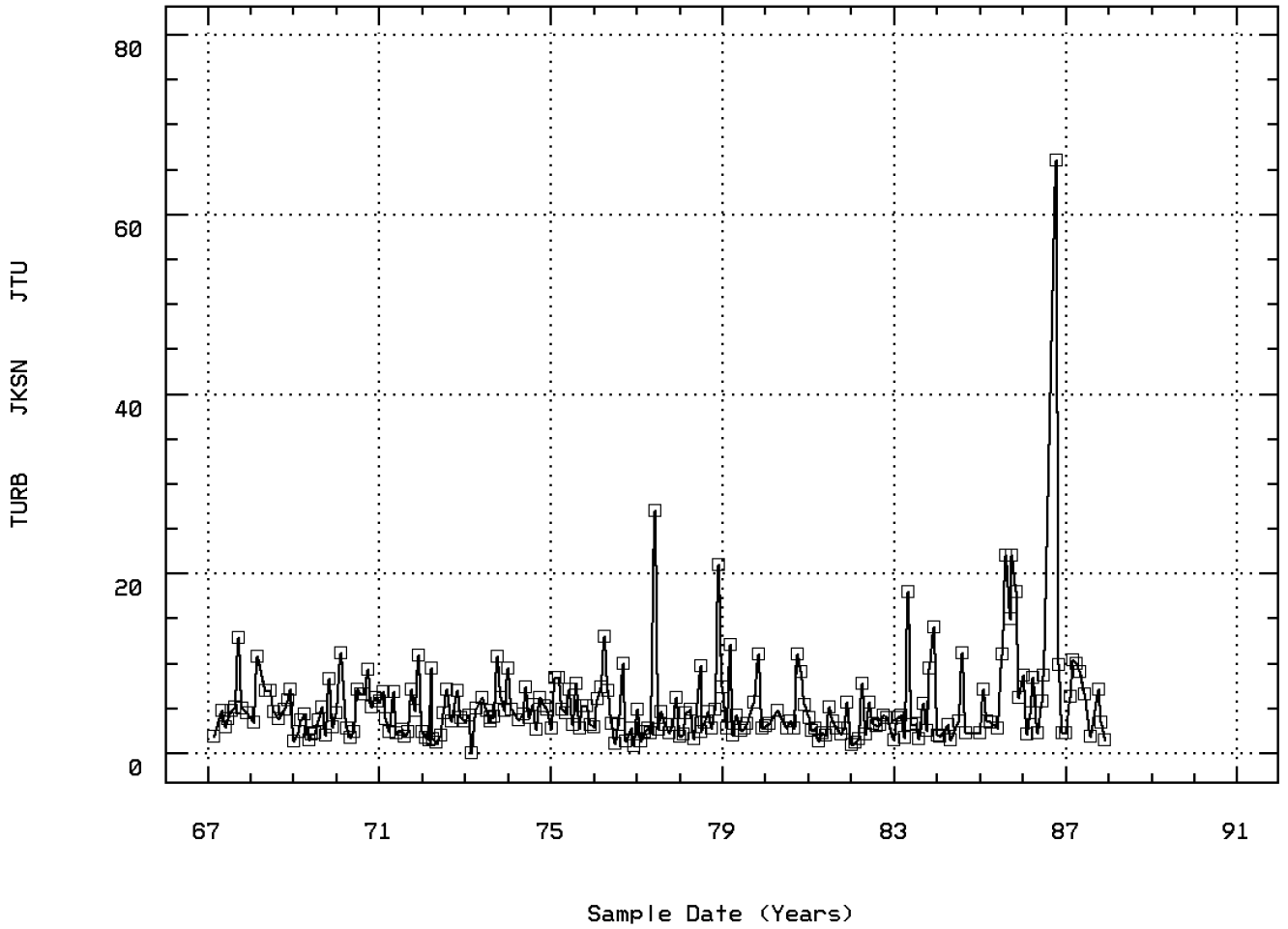
EPA Water Quality Criteria Analysis for Station: DESO0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	230	1	0.00	55	1	0.02	116	0	0.00	59	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	233	7	0.03	55	3	0.05	120	1	0.01	58	3	0.05			
00400	PH	Fresh Chronic	9.	221	1	0.00	51	1	0.02	113	0	0.00	57	0	0.00			
		Other-Lo Lim.	6.5	221	1	0.00	51	0	0.00	113	0	0.00	57	1	0.02			
00403	PH, LAB	Fresh Chronic	9.	10	0	0.00	3	0	0.00	6	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00	3	0	0.00	6	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	106	0	0.00	24	0	0.00	58	0	0.00	24	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	230	230	1.00	55	55	1.00	119	119	1.00	56	56	1.00			
		Drinking Water	250.	230	230	1.00	55	55	1.00	119	119	1.00	56	56	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	99	6	0.06	23	1	0.04	51	3	0.06	25	2	0.08			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	129	1	0.01	31	0	0.00	67	0	0.00	31	1	0.03			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	72	0	0.00	20	0	0.00	35	0	0.00	17	0	0.00			

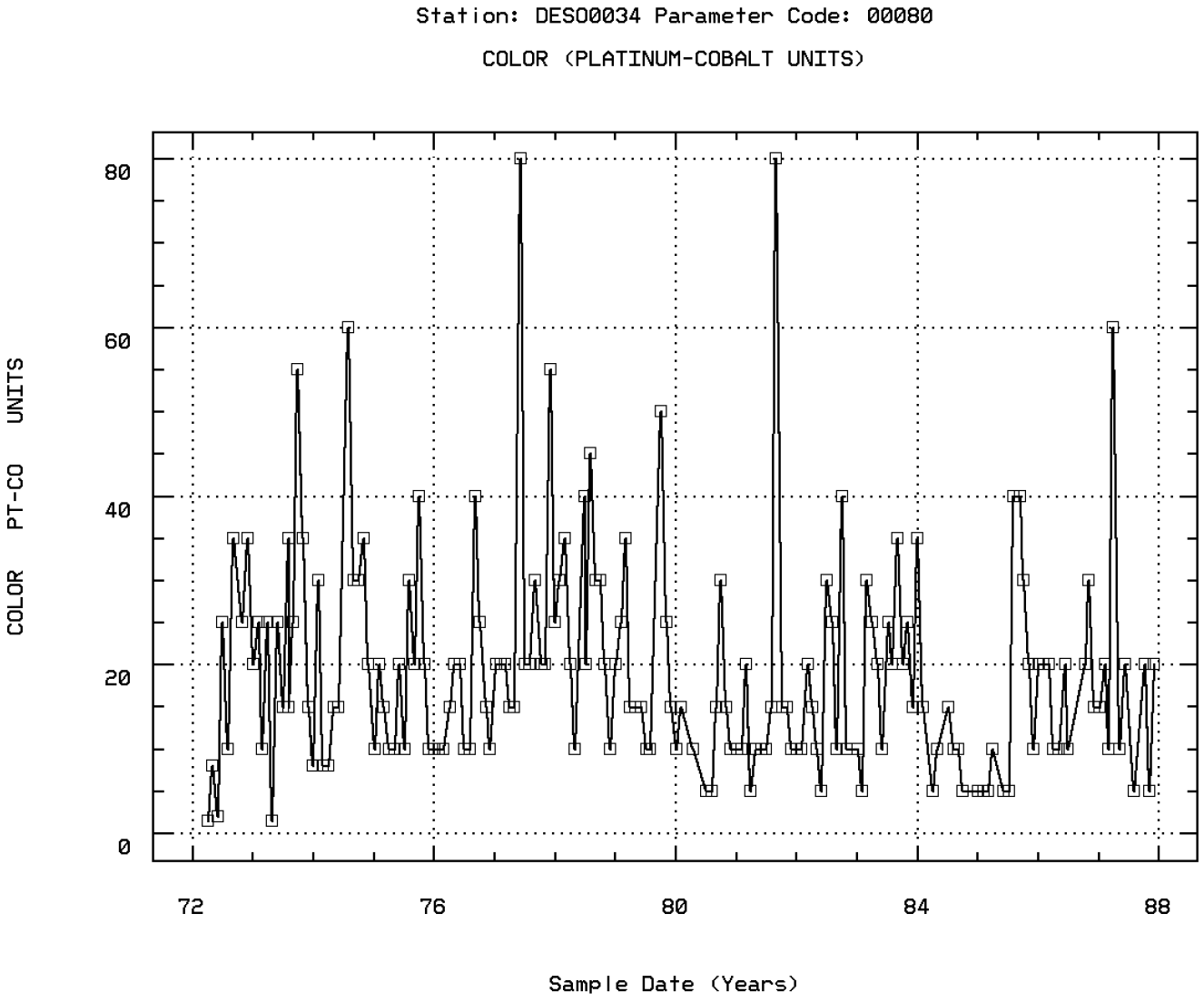
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: DESO0034 Parameter Code: 00070

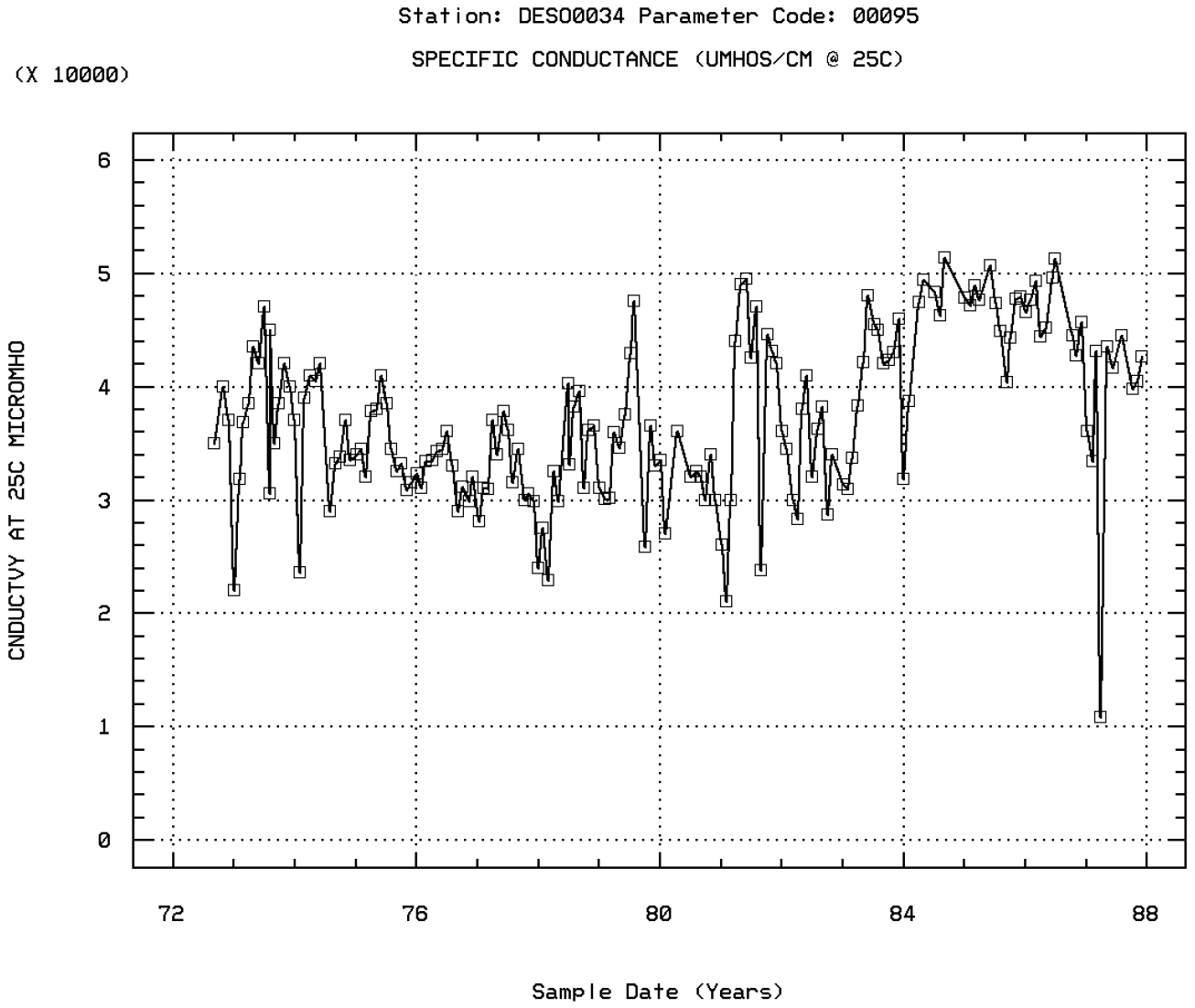
TURBIDITY, (JACKSON CANDLE UNITS)



WN-7 MANATEE R ENT



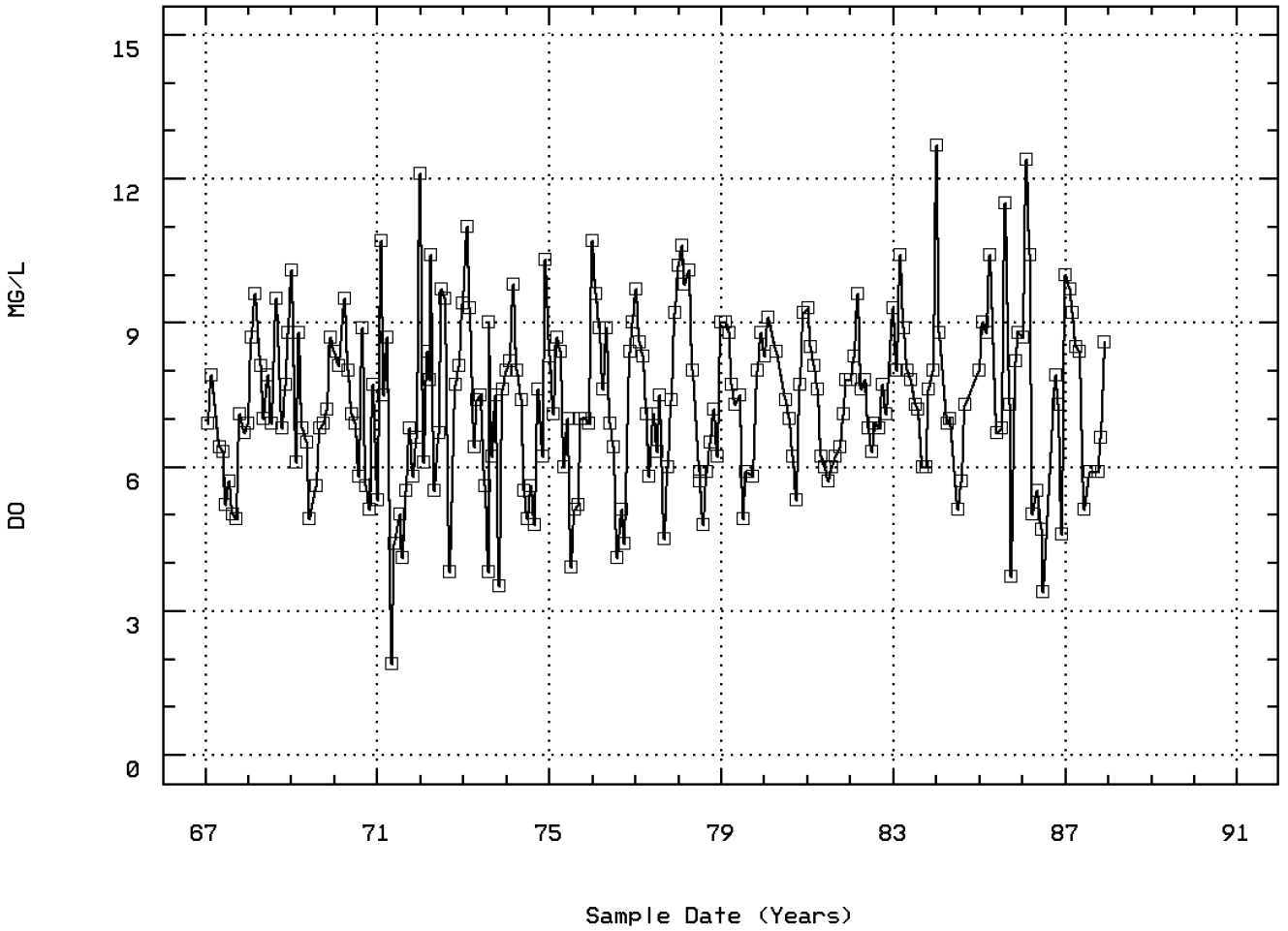
WN-7 MANATEE R ENT



WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00300

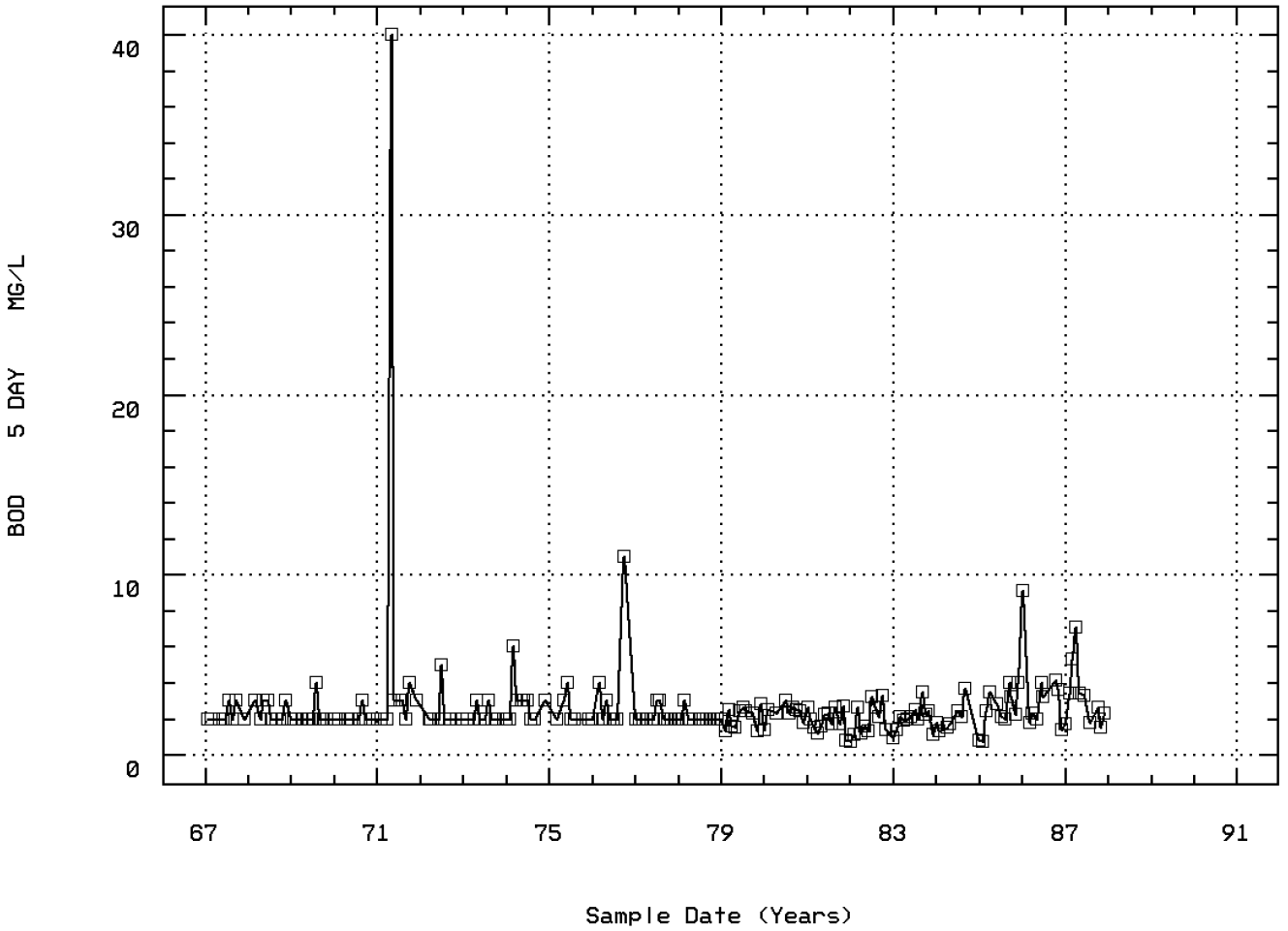
OXYGEN, DISSOLVED



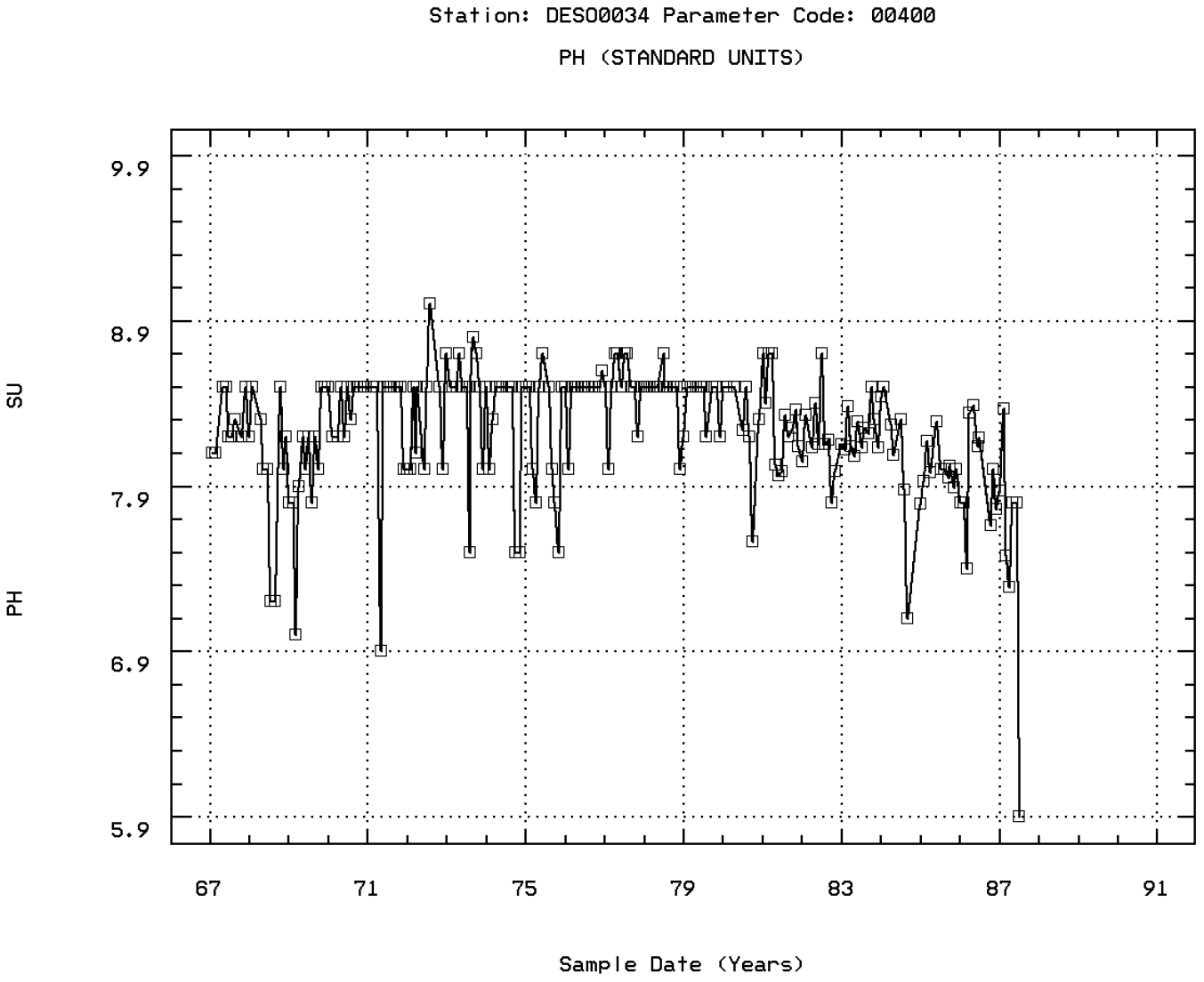
WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00310

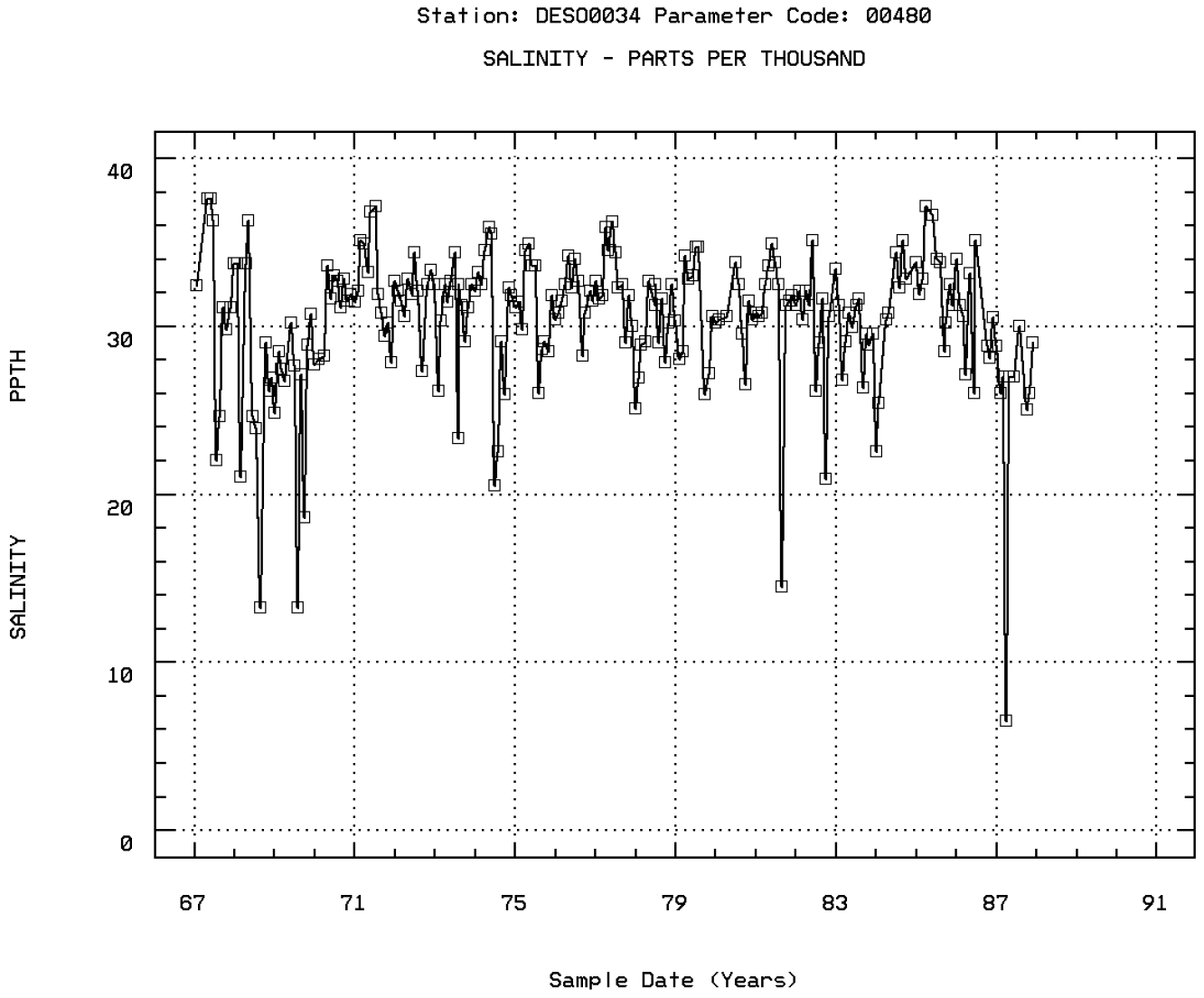
BOD, 5 DAY, 20 DEG C



WN-7 MANATEE R ENT



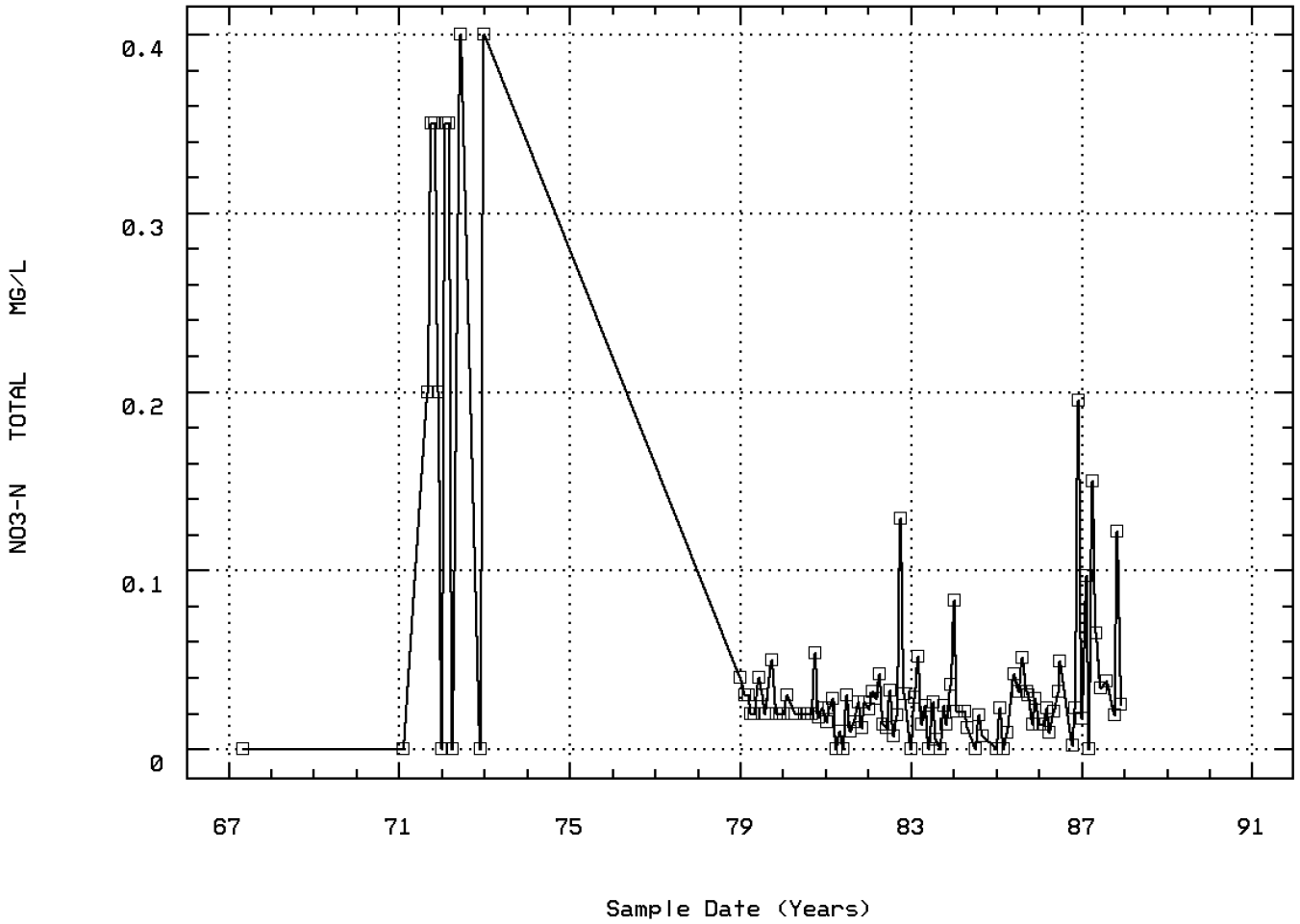
WN-7 MANATEE R ENT



WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00620

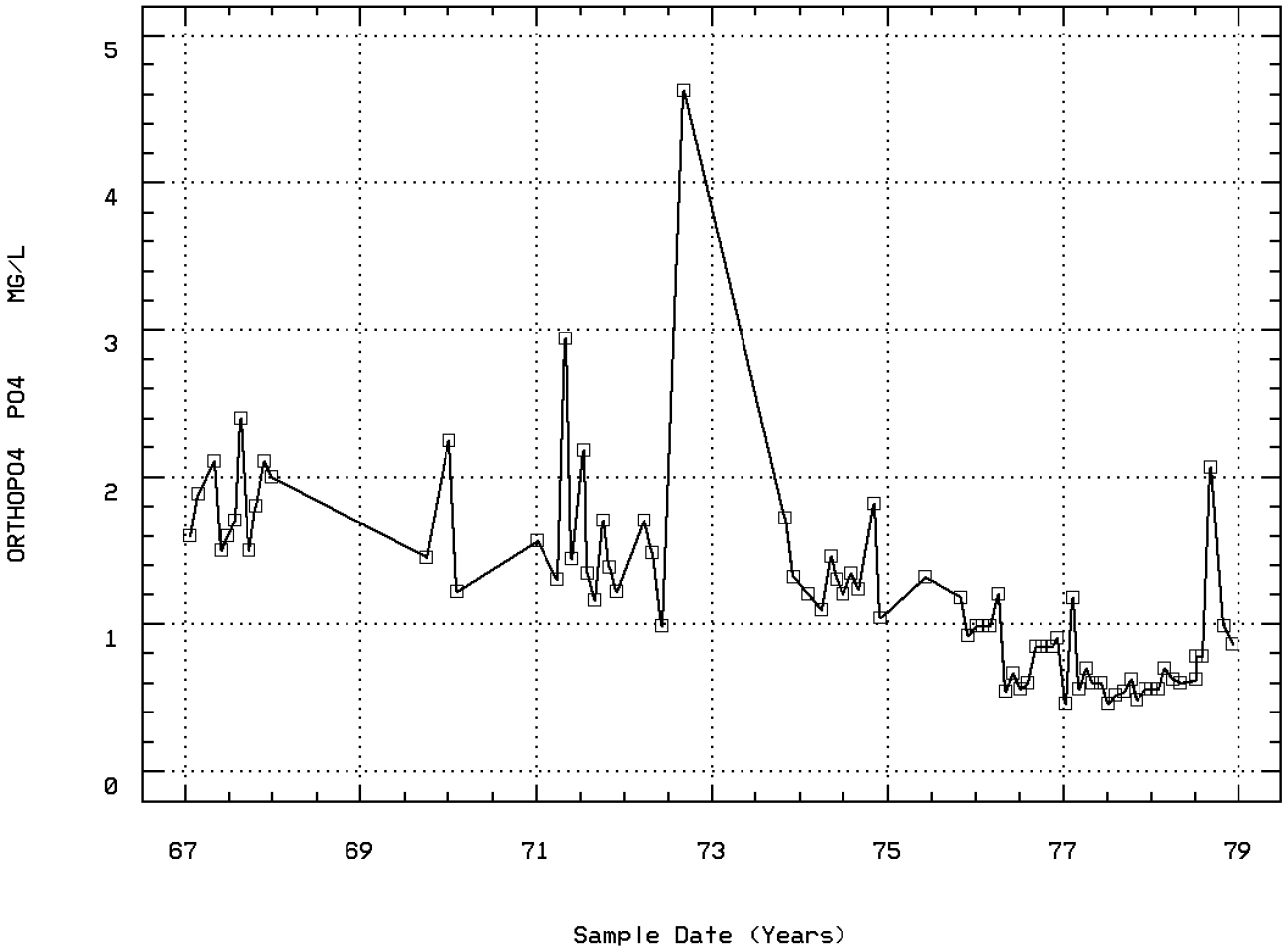
NITRATE NITROGEN, TOTAL (MG/L AS N)



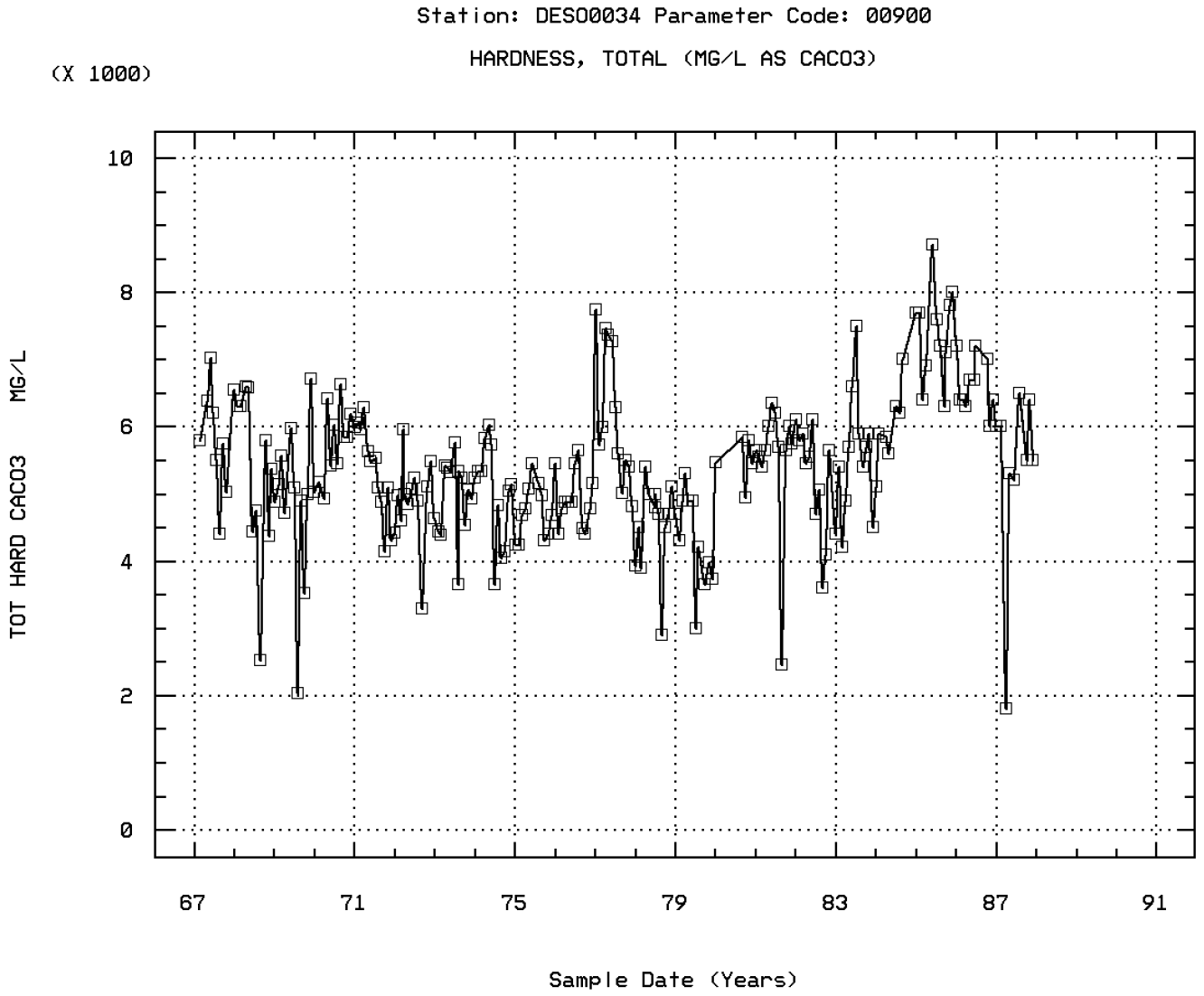
WN-7 MANATEE R ENT

Station: DES00034 Parameter Code: 00660

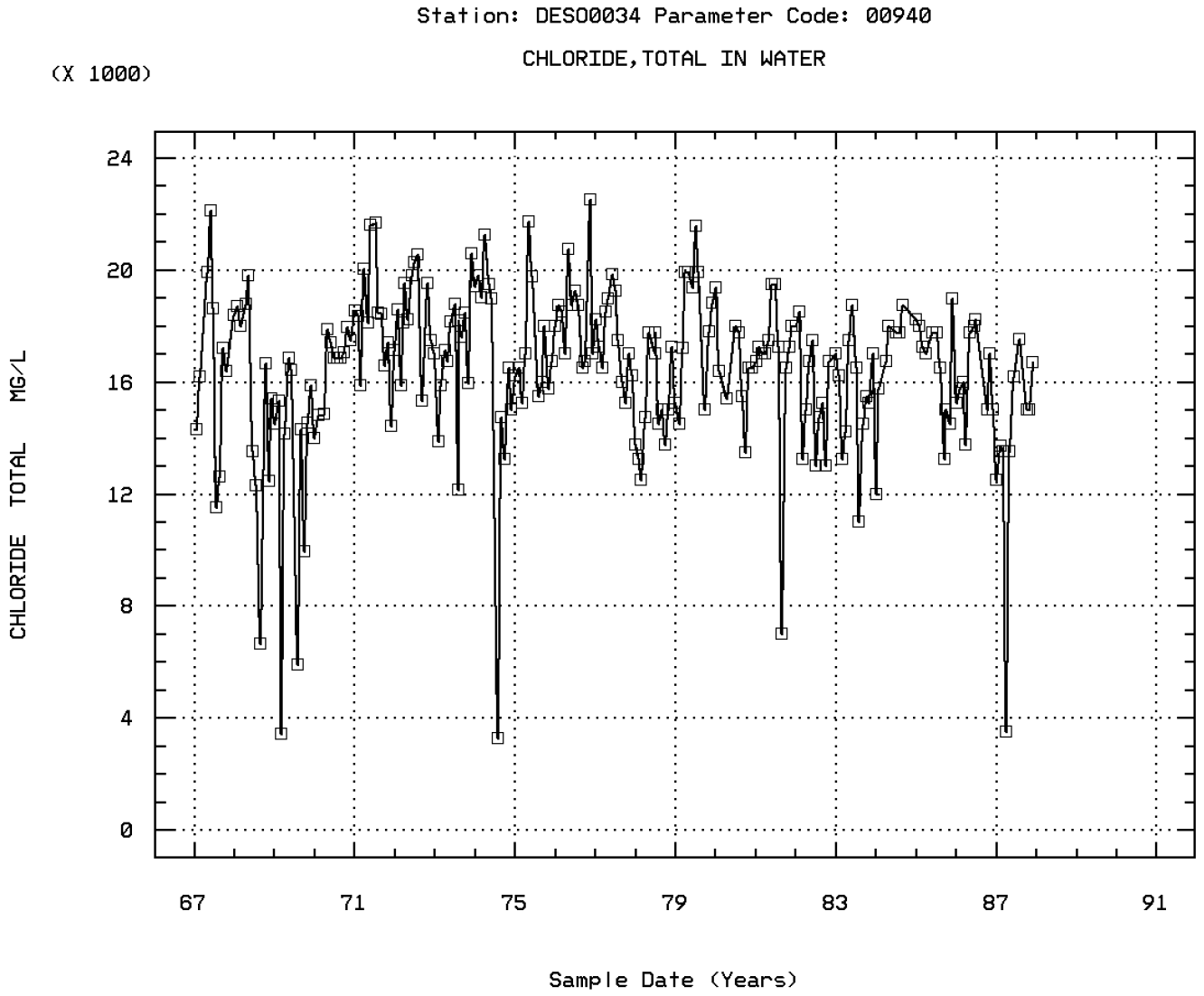
PHOSPHATE, ORTHO (MG/L AS PO4)



WN-7 MANATEE R ENT



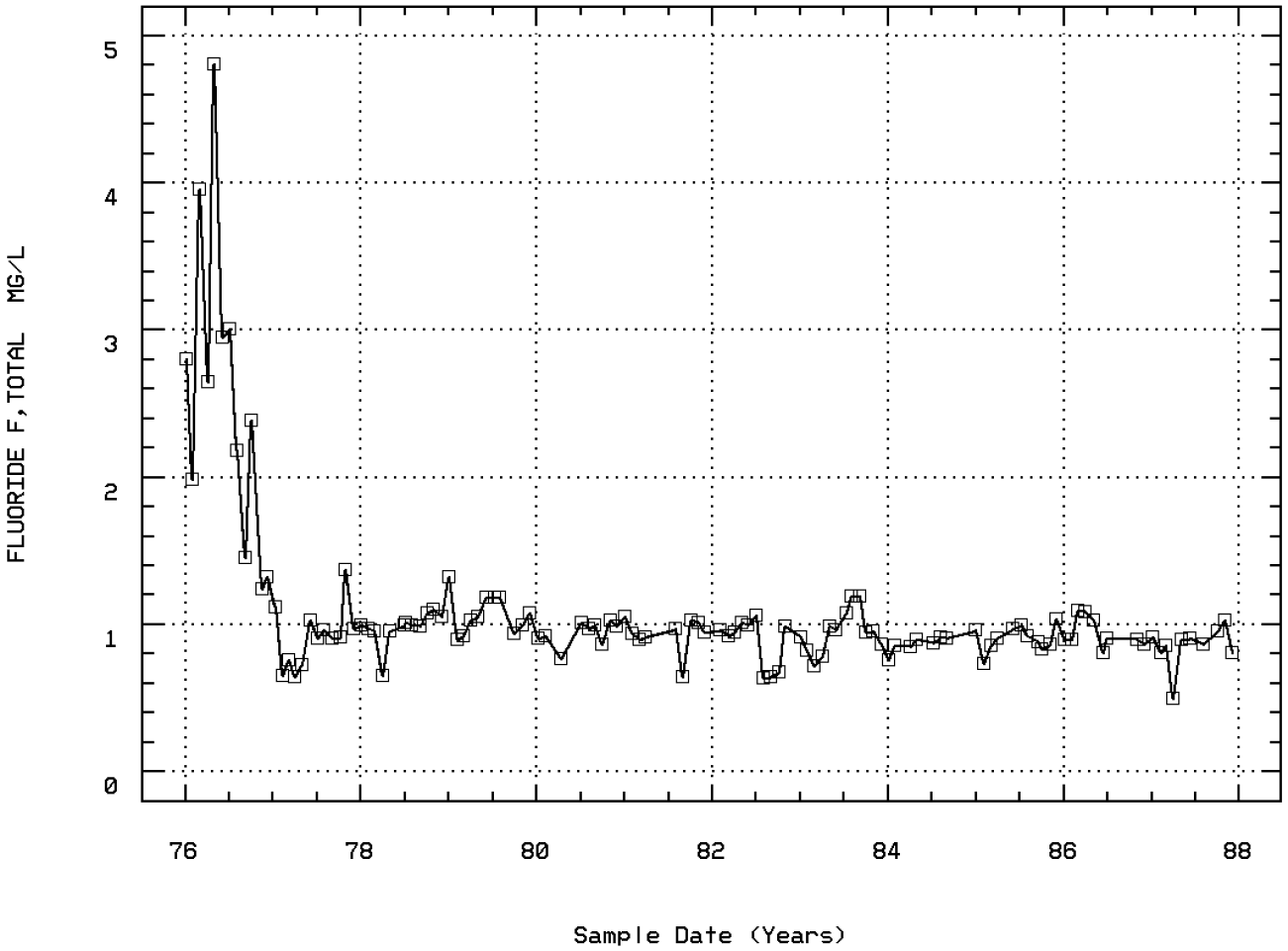
WN-7 MANATEE R ENT



WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00951

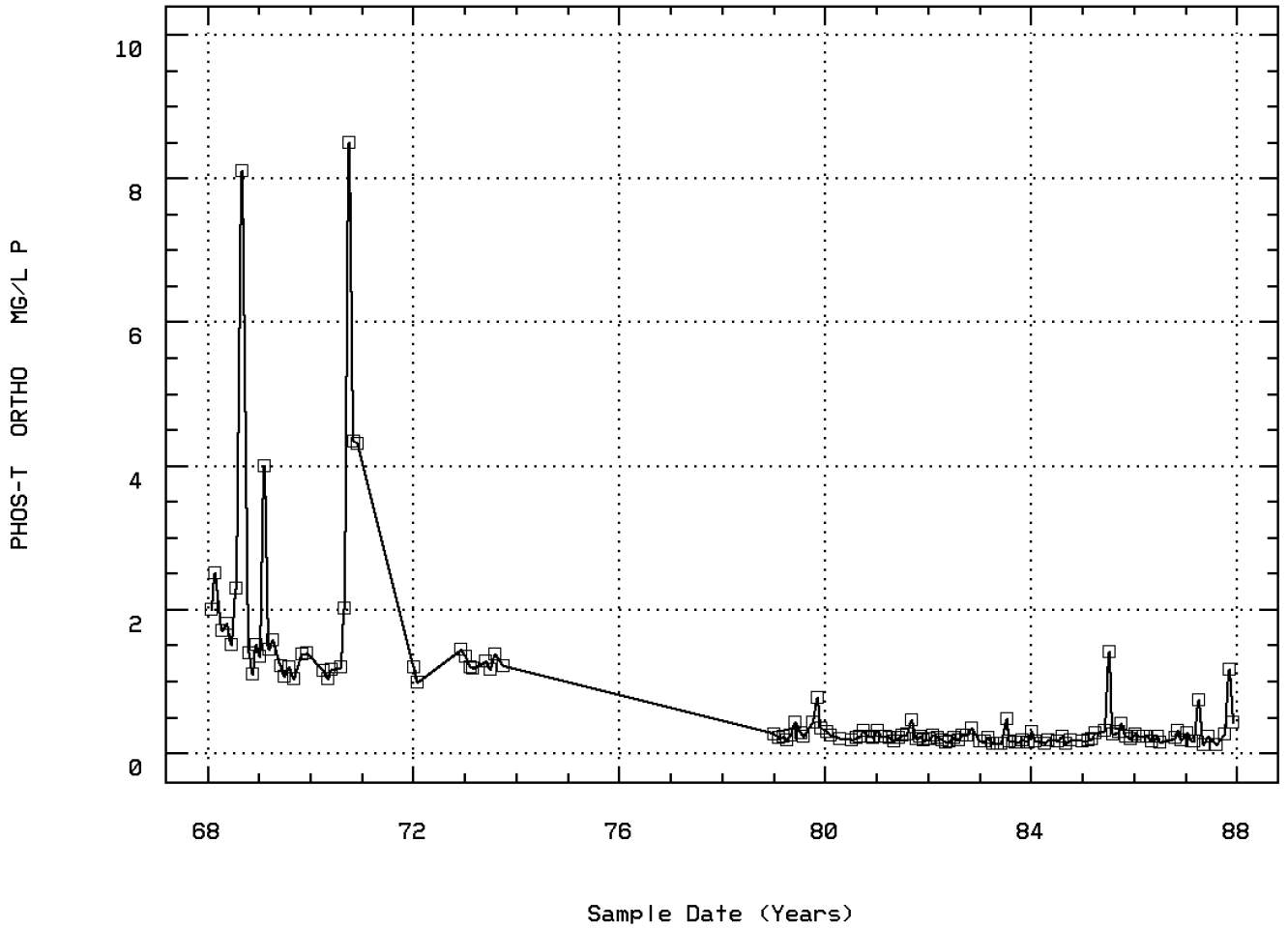
FLUORIDE, TOTAL (MG/L AS F)



WN-7 MANATEE R ENT

Station: DES00034 Parameter Code: 70507

PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



WN-7 MANATEE R ENT

Annual Analysis for 1967 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	11	26.	24.	31.	15.	31.2	5.586	15.4	17.	29.	30.6
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	9	4.7	5.044	12.9	1.9	9.8	3.131	1.9	3.35	5.05	12.9
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	11	6.4	6.273	7.9	4.9	0.93	0.964	4.92	5.2	6.9	7.74
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	11	2.	2.	3.	1.	0.4	0.632	1.	2.	2.	3.
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	10	8.2	8.28	8.5	8.1	0.026	0.162	8.1	8.175	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	10	8.2	8.255	8.5	8.1	0.027	0.164	8.1	8.175	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	10	0.006	0.006	0.008	0.003	0.	0.002	0.003	0.003	0.007	0.008
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	10	31.75	31.62	37.6	22.	27.115	5.207	22.26	28.5	36.625	37.6
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	11	1.8	1.835	2.4	1.5	0.084	0.29	1.5	1.6	2.1	2.34
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	9	5800.	5846.667	7020.	4400.	649725.	806.055	4400.	5260.	6465.	7020.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	10	16800.	16720.	22100.	11500.	10677333.333	3267.619	11610.	13875.	18925.	21880.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	11	2.8	2.836	5.4	1.4	1.007	1.003	1.5	2.5	3.1	4.94

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

Annual Analysis for 1968 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	5	19.	19.6	24.	16.	14.3	3.782	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	9	5.9	6.022	10.7	3.4	4.962	2.228	3.4	4.2	7.	10.7
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	10	8.	8.1	9.6	6.8	1.067	1.033	6.81	6.975	8.975	9.59
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	10	2.	2.2	3.	1.	0.622	0.789	1.	1.75	3.	3.
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	9	8.	7.989	8.5	7.2	0.239	0.488	7.2	7.6	8.4	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	9	8.	7.714	8.5	7.2	0.324	0.569	7.2	7.6	8.4	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	9	0.01	0.019	0.063	0.003	0.001	0.025	0.003	0.004	0.037	0.063
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	10	26.5	26.84	36.3	13.2	46.96	6.853	13.98	23.175	33.7	36.04
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	10	5582.5	5300.8	6598.	2517.	1691901.511	1300.731	2702.8	4420.75	6369.25	6595.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	10	16030.	15217.9	19780.	6629.	16467548.544	4058.023	7196.1	12412.5	18715.	19678.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	10	2.45	2.21	3.7	0.	1.174	1.084	0.1	1.6	2.85	3.66
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	10	1.75	2.39	8.1	1.1	4.203	2.05	1.13	1.475	2.35	7.54

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

Annual Analysis for 1969 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	12	22.	22.5	31.	13.	28.818	5.368	13.9	18.	27.	30.1
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	12	2.65	3.3	8.3	1.3	3.809	1.952	1.36	2.025	4.15	7.34
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	11	6.8	7.127	10.1	4.9	2.312	1.521	5.04	6.1	8.7	9.84
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	12	2.	2.	4.	1.	0.545	0.739	1.	2.	2.	3.4
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	12	8.	7.992	8.5	7.	0.159	0.399	7.24	7.8	8.2	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	12	8.	7.767	8.5	7.	0.214	0.463	7.24	7.8	8.2	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	12	0.01	0.017	0.1	0.003	0.001	0.027	0.003	0.006	0.016	0.075
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	11	27.4	25.791	30.7	13.2	28.017	5.293	14.28	24.8	28.9	30.6
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	1	1.45	1.45	1.45	1.45	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	11	4990.	4865.636	6710.	2032.	1513707.055	1230.328	2329.8	4718.	5573.	6563.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	11	14510.	12837.364	16840.	3425.	19856156.855	4456.025	3922.8	9952.	15890.	16754.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	11	1.87	1.661	2.97	0.63	0.479	0.692	0.658	0.87	1.99	2.798
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	10	1.365	1.567	4.	1.04	0.76	0.871	1.042	1.165	1.475	3.758

** - Less than 9 observations ## - Computed with 50% or 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 DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	11	26.	23.909	31.	14.	35.891	5.991	14.2	17.	29.	30.6
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	11	6.1	5.736	11.1	1.7	8.379	2.895	1.84	2.7	7.1	10.74
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	11	7.7	7.373	9.5	5.1	2.002	1.415	5.2	5.8	8.4	9.38
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	11	2.	1.818	3.	1.	0.364	0.603	1.	1.	2.	2.8
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	11	8.5	8.4	8.5	8.2	0.02	0.141	8.2	8.2	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	11	8.5	8.378	8.5	8.2	0.021	0.143	8.2	8.2	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	11	0.003	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.006	0.006
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	11	31.6	31.1	33.6	27.7	4.594	2.143	27.76	28.2	32.8	33.48
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	2	1.73	1.73	2.24	1.22	0.52	0.721	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	11	5841.	5720.545	6633.	4930.	320905.273	566.485	4950.	5171.	6188.	6588.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	11	16870.	16544.545	17950.	13970.	1837547.273	1355.562	14138.	14860.	17470.	17934.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	10	1.13	1.235	2.26	0.41	0.248	0.498	0.464	0.995	1.515	2.211
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	8	1.61	2.963	8.5	1.04	6.945	2.635	**	**	**	**

** - 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 1971 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	12	0.	1.	6.	0.	5.455	2.335	0.	0.	0.	6.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	12	23.	22.417	28.	15.	19.902	4.461	15.3	18.	26.75	27.7
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	12	4.25	4.783	10.9	1.8	7.647	2.765	1.95	2.4	6.8	9.76
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	12	5.65	6.025	10.7	1.9	5.217	2.284	2.56	4.55	7.325	10.1
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	12	2.5	5.417	40.	1.	119.538	10.933	1.	1.25	3.	29.2
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	10	8.5	8.29	8.5	6.9	0.263	0.513	7.01	8.375	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	10	8.5	7.793	8.5	6.9	0.538	0.734	7.01	8.375	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	10	0.003	0.016	0.126	0.003	0.001	0.039	0.003	0.003	0.005	0.114
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	12	32.	32.558	37.1	27.8	8.566	2.927	28.28	30.35	35.05	37.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	5	0.2	0.22	0.35	0.	0.021	0.144	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	11	1.38	1.565	2.94	1.	0.306	0.553	1.032	1.22	1.7	2.788
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	12	5509.	5368.917	6281.	4138.	471964.811	686.997	4186.9	4935.	5980.	6214.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	12	18400.	18292.5	21670.	14430.	4550038.636	2133.082	14868.	16790.	19655.	21655.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	10	1.815	1.869	2.74	1.03	0.234	0.484	1.081	1.548	2.218	2.702

** - Less than 9 observations ## - Computed with 50% or 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 DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	12	23.	23.292	32.	18.	17.748	4.213	18.	20.25	25.625	31.1
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	12	2.95	3.817	9.4	1.2	7.28	2.698	1.26	1.625	6.375	8.71
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	8	17.5	17.688	35.	1.5	195.353	13.977	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	3	37000.	37333.333	40000.	35000.	6333333.333	2516.611	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	12	7.95	7.983	12.1	3.8	5.2	2.28	4.31	6.25	9.65	11.59
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	12	1.5	1.75	5.	1.	1.295	1.138	1.	1.	2.	4.1
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	10	8.3	8.31	9.	8.	0.117	0.341	8.	8.	8.5	8.95
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	10	8.255	8.21	9.	8.	0.128	0.357	8.	8.	8.5	8.95
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	10	0.006	0.006	0.01	0.001	0.	0.004	0.001	0.003	0.01	0.01
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	11	32.1	31.927	34.4	27.3	3.31	1.819	27.96	31.5	32.8	34.18
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	6	0.175	0.183	0.4	0.	0.041	0.202	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	7	1.	1.683	4.62	0.98	1.76	1.327	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	12	4990.	4907.167	5950.	3290.	414779.788	644.034	3628.4	4664.75	5212.25	5808.4

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Annual Analysis for 1972 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	12	18405.	18368.333	20560.	15310.	2841560.606	1685.693	15484.	17207.5	19735.	20476.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	11	2.08	2.37	4.3	1.77	0.577	0.76	1.774	1.79	2.61	4.04
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	5	1.	1.124	1.44	0.98	0.039	0.198	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/02/72-12/05/78	5	0.3	0.2	0.4	0.	0.035	0.187	**	**	**	**

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Annual Analysis for 1973 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	13	0.	1.538	15.	0.	18.269	4.274	0.	0.	0.	11.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	12	22.5	23.833	32.	17.	25.97	5.096	17.3	19.25	28.75	31.1
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	11	8.	8.091	20.	0.	32.891	5.735	0.6	4.	11.	19.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	13	4.2	4.446	10.7	0.	6.583	2.566	0.4	3.55	5.55	8.9
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	13	25.	23.192	55.	1.5	179.981	13.416	4.9	15.	30.	47.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	13	38500.	37892.308	47000.	22000.	46477435.897	6817.436	25400.	33400.	42750.	46200.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	13	7.5	7.246	11.	3.5	4.728	2.174	3.62	5.9	9.15	10.36
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	13	2.	2.	3.	1.	0.5	0.707	1.	1.5	2.5	3.
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	13	8.5	8.454	8.8	7.5	0.119	0.345	7.7	8.5	8.7	8.76
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	13	8.5	8.261	8.8	7.5	0.16	0.4	7.7	8.5	8.7	8.76
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	13	0.003	0.005	0.032	0.002	0.	0.008	0.002	0.002	0.003	0.023
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	13	31.4	30.738	34.4	23.3	9.181	3.03	24.42	29.7	32.5	33.72
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	2	1.52	1.52	1.72	1.32	0.08	0.283	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	13	5053.	4929.692	5754.	3652.	327933.731	572.655	3948.	4491.	5354.5	5620.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	13	17120.	16953.846	20600.	12140.	4761675.641	2182.126	12832.	15900.	18315.	19868.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	13	2.42	2.464	4.22	1.92	0.336	0.579	1.936	2.105	2.525	3.612
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	10	1.19	1.176	1.38	1.	0.019	0.139	1.	1.	1.295	1.376
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/02/72-12/05/78	11	0.1	0.182	0.4	0.	0.038	0.194	0.	0.	0.4	0.4

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

Annual Analysis for 1974 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	12	25.5	23.583	30.	10.	30.265	5.501	12.7	20.25	27.	29.7
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	7	5.	7.571	15.	0.	31.286	5.593	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	11	4.8	5.255	9.5	2.6	3.549	1.884	2.82	4.	6.2	9.06
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	11	20.	23.545	60.	8.	246.873	15.712	8.	8.	30.	55.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	11	37000.	35418.182	42000.	23600.	31021636.364	5569.707	24680.	33200.	40500.	41800.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	12	7.5	7.192	10.3	4.8	3.304	1.818	4.83	5.525	8.15	10.15
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	12	2.5	2.583	6.	1.	1.72	1.311	1.	2.	3.	5.1
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	11	8.5	8.255	8.5	7.5	0.163	0.403	7.5	8.	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	11	8.5	8.04	8.5	7.5	0.214	0.462	7.5	8.	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	11	0.003	0.009	0.032	0.003	0.	0.011	0.003	0.003	0.01	0.032
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	12	32.2	30.483	35.9	20.5	25.096	5.01	21.1	26.7	34.175	35.78
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	11	1.2	1.245	1.82	1.	0.058	0.24	1.	1.04	1.34	1.748
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	12	5181.5	5025.5	6021.	3652.	546415.182	739.199	3770.5	4317.75	5626.25	5961.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	11	18990.	16424.455	21270.	3249.	25502482.273	5049.998	5247.2	14740.	19490.	20976.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	12	2.9	3.191	4.5	2.39	0.475	0.689	2.429	2.62	3.775	4.38
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/02/72-12/05/78	10	0.1	0.19	0.5	0.	0.045	0.213	0.	0.	0.4	0.49

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Annual Analysis for 1975 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	12	25.5	22.567	29.	1.8	59.017	7.682	6.06	19.	27.	28.7
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	8	10.	8.5	12.	3.	9.143	3.024	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	12	5.	5.258	8.4	2.7	4.684	2.164	2.73	3.125	7.55	8.4
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	12	17.5	17.917	40.	10.	88.447	9.405	10.	10.	20.	37.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	12	34250.	34858.333	41000.	30800.	10429924.242	3229.539	31010.	32125.	37950.	40250.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	12	7.	6.717	8.7	3.9	2.096	1.448	4.26	5.4	8.	8.61
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	12	1.5	1.75	4.	1.	0.932	0.965	1.	1.	2.	3.7
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	11	8.5	8.209	8.7	7.5	0.159	0.399	7.56	7.8	8.5	8.66
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	11	8.5	8.037	8.7	7.5	0.192	0.438	7.56	7.8	8.5	8.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	11	0.003	0.009	0.032	0.002	0.	0.009	0.002	0.003	0.016	0.028
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	12	31.25	31.075	34.9	26.	7.617	2.76	26.75	28.725	33.6	34.78
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	10	1.	1.042	1.32	0.92	0.014	0.117	0.928	1.	1.045	1.306
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	11	4684.	4725.909	5449.	4244.	164758.291	405.904	4244.	4302.	5067.	5391.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	11	16490.	17126.364	21740.	15240.	3967045.455	1991.744	15290.	15740.	17990.	21340.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	11	3.1	3.133	4.4	2.18	0.293	0.541	2.28	2.95	3.35	4.21
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/02/72-12/05/78	10	0.	0.14	0.7	0.	0.056	0.237	0.	0.	0.25	0.67

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Annual Analysis for 1976 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	12	22.	22.083	29.	14.	21.174	4.602	14.9	17.75	26.5	28.4
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	12	5.	5.5	15.	0.	26.636	5.161	0.	0.	9.5	14.1
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	12	3.2	4.883	13.	0.8	14.627	3.825	0.89	1.675	7.3	12.07
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	12	12.5	16.25	40.	10.	82.386	9.077	10.	10.	20.	35.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	12	32650.	32500.	36000.	29000.	4096363.636	2023.948	29270.	31025.	34100.	35550.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	12	8.	7.5	10.7	4.1	4.558	2.135	4.19	5.425	8.975	10.37
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	12	2.	2.667	11.	1.	7.697	2.774	1.	1.	2.75	8.9
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	12	8.5	8.467	8.6	8.	0.022	0.15	8.15	8.5	8.5	8.57
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	12	8.5	8.434	8.6	8.	0.024	0.153	8.15	8.5	8.5	8.57
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	12	0.003	0.004	0.01	0.003	0.	0.002	0.003	0.003	0.003	0.008
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	12	31.8	31.75	34.2	28.2	2.665	1.632	28.86	30.8	32.65	34.14
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	12	0.84	0.827	1.2	0.54	0.041	0.202	0.546	0.615	0.98	1.134
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	12	4876.	4931.417	5640.	4398.	173398.811	416.412	4398.	4564.75	5377.25	5582.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	12	18615.	18531.667	22490.	16490.	3054924.242	1747.834	16565.	16990.	19115.	21965.
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	12	2.51	2.558	4.8	1.24	1.126	1.061	1.264	1.583	2.988	4.545
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/02/72-12/05/78	12	0.	0.075	0.5	0.	0.031	0.176	0.	0.	0.	0.47

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Annual Analysis for 1977 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	12	25.	22.583	31.	12.	45.538	6.748	12.3	14.5	27.75	30.4
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	11	8.	9.455	25.	0.	61.873	7.866	0.	4.	15.	24.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	12	3.	5.217	27.	1.3	48.862	6.99	1.57	2.325	4.825	20.73
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	12	20.	27.917	80.	15.	383.902	19.593	15.	20.	27.5	72.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	12	31250.	32608.333	37800.	28100.	9962651.515	3156.367	28640.	30125.	35700.	37560.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	12	7.25	7.292	9.7	4.5	2.27	1.507	4.89	6.075	8.525	9.55
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	12	2.	2.083	3.	1.	0.265	0.515	1.3	2.	2.	3.
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	12	8.5	8.5	8.7	8.	0.045	0.213	8.06	8.5	8.7	8.7

** - 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 1977 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	12	8.5	8.443	8.7	8.	0.049	0.221	8.06	8.5	8.7	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	12	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.002	0.003	0.009
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	12	32.4	32.725	36.2	29.	4.784	2.187	29.3	31.65	34.475	36.11
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	12	0.56	0.607	1.18	0.46	0.038	0.194	0.46	0.49	0.615	1.036
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	12	5863.	6180.583	7744.	4812.	1052521.356	1025.925	4870.8	5425.5	7340.5	7659.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	12	17365.	17540.833	19850.	15240.	2054644.697	1433.403	15465.	16302.5	18865.	19667.
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	12	0.905	0.908	1.37	0.64	0.043	0.207	0.643	0.728	1.008	1.292
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/02/72-12/05/78	12	0.	0.025	0.1	0.	0.002	0.045	0.	0.	0.075	0.1

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

Annual Analysis for 1978 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	12	24.	23.083	30.	12.	32.856	5.732	12.9	18.25	27.875	29.4
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	11	0.	3.545	15.	0.	25.473	5.047	0.	0.	6.	14.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	12	3.9	5.3	21.	1.6	29.265	5.41	1.66	2.175	4.9	17.61
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	12	27.5	26.25	45.	10.	118.75	10.897	10.	20.	33.75	43.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	12	32800.	32633.333	40300.	22900.	33751515.152	5809.605	23230.	28100.	37775.	40090.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	12	6.85	7.575	10.6	4.8	4.324	2.079	5.07	5.9	10.025	10.48
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	12	2.	2.	3.	1.	0.182	0.426	1.3	2.	2.	2.7
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	12	8.5	8.475	8.7	8.	0.026	0.16	8.15	8.5	8.5	8.64
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	12	8.5	8.44	8.7	8.	0.027	0.164	8.15	8.5	8.5	8.64
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	12	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.003	0.008
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	12	29.65	29.792	32.7	25.1	5.89	2.427	25.64	28.075	32.275	32.64
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	12	0.74	0.843	2.06	0.56	0.17	0.413	0.56	0.605	0.95	1.742
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	12	4700.	4535.667	5400.	2900.	461083.515	679.031	3200.	4071.	5000.	5310.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	12	14865.	15177.5	17740.	12490.	3319602.273	1821.978	12715.	13740.	17177.5	17740.
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	12	0.99	0.975	1.1	0.65	0.013	0.112	0.74	0.955	1.04	1.091
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/02/72-12/05/78	12	0.1	0.075	0.2	0.	0.006	0.075	0.	0.	0.1	0.2

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

Annual Analysis for 1979 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	11	24.5	22.455	30.	12.	45.723	6.762	12.6	15.5	30.	30.
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	9	4.	5.556	20.	0.	39.778	6.307	0.	0.	8.	20.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	11	3.3	5.1	12.	2.	12.566	3.545	2.1	2.7	7.4	11.8
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	11	15.	21.364	50.	10.	145.455	12.06	10.	15.	25.	47.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	11	34600.	35000.	47500.	25800.	37982000.	6162.954	26660.	30200.	37500.	46580.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	11	7.7	7.518	9.	4.9	2.042	1.429	5.08	5.9	8.8	9.
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	11	2.3	2.064	2.8	1.3	0.301	0.548	1.3	1.5	2.5	2.76
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	11	8.5	8.418	8.5	8.2	0.02	0.14	8.2	8.2	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	11	8.5	8.396	8.5	8.2	0.02	0.142	8.2	8.2	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	11	0.003	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.006	0.006
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	11	30.6	30.9	34.7	25.9	10.11	3.18	26.16	28.	34.2	34.7
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	11	0.03	0.029	0.05	0.02	0.	0.01	0.02	0.02	0.04	0.048
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	11	4300.	4323.727	5300.	2992.	479942.018	692.778	3123.	3740.	4900.	5220.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	11	18830.	18115.455	21560.	14490.	5574947.273	2361.133	14594.	15240.	19920.	21232.
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	11	1.05	1.066	1.32	0.89	0.018	0.135	0.896	0.93	1.18	1.292
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	11	0.264	0.329	0.766	0.189	0.028	0.166	0.193	0.228	0.43	0.699

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Annual Analysis for 1980 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	9	23.5	23.611	31.5	12.	43.111	6.566	12.	18.5	29.25	31.5
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	8	8.	6.	12.	0.	26.286	5.127	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	9	3.6	5.067	11.	2.8	8.843	2.974	2.8	2.9	7.2	11.
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	9	10.	12.778	30.	5.	56.944	7.546	5.	7.5	15.	30.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	9	32000.	31888.889	36000.	27000.	6923611.111	2631.276	27000.	30000.	33750.	36000.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	9	7.7	7.622	9.2	5.3	1.699	1.304	5.3	6.6	8.75	9.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	9	2.4	2.311	3.	1.4	0.216	0.465	1.4	2.05	2.55	3.
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	8	8.4	8.288	8.5	7.56	0.103	0.321	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	8	8.389	8.145	8.5	7.56	0.126	0.355	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	8	0.004	0.007	0.028	0.003	0.	0.008	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	9	30.4	30.6	33.8	26.5	4.115	2.029	26.5	29.85	32.	33.8
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	9	0.02	0.025	0.054	0.018	0.	0.011	0.018	0.02	0.027	0.054
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	5	5470.	5504.	5850.	4950.	129580.	359.972	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	9	16490.	16540.	19380.	13490.	2915075.	1707.359	13490.	15450.	17865.	19380.
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	9	0.97	0.934	1.02	0.76	0.007	0.084	0.76	0.88	1.	1.02
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	9	0.227	0.234	0.312	0.183	0.002	0.043	0.183	0.205	0.267	0.312

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Annual Analysis for 1981 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	12	24.5	24.333	32.5	15.	30.106	5.487	15.3	20.	28.875	31.6
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	12	10.	9.	15.	5.	9.818	3.133	5.	5.25	10.	14.1
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	12	2.75	3.067	5.6	1.3	1.644	1.282	1.51	2.15	3.9	5.45
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	12	10.	17.5	80.	5.	402.273	20.057	6.5	10.	15.	62.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	12	42800.	38541.667	49500.	21000.	106471742.424	10318.515	21840.	27000.	46400.	49350.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	12	6.75	7.075	9.3	5.7	1.366	1.169	5.79	6.05	8.025	9.06
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	12	1.85	1.908	2.7	0.8	0.355	0.596	0.92	1.525	2.525	2.67
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	12	8.29	8.313	8.7	7.96	0.074	0.272	7.969	8.057	8.625	8.7
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	12	8.288	8.242	8.7	7.96	0.08	0.282	7.969	8.057	8.625	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	12	0.005	0.006	0.011	0.002	0.	0.003	0.002	0.002	0.009	0.011
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	12	31.65	30.708	34.9	14.5	27.883	5.28	19.33	30.8	33.325	34.57
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	12	0.015	0.016	0.03	0.	0.	0.01	0.	0.01	0.026	0.029
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	12	5675.	5529.167	6350.	2450.	1017026.515	1008.477	3335.	5575.	6000.	6305.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	12	17240.	16699.	19490.	6998.	10279444.727	3206.157	9845.6	16802.5	17865.	19490.
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	12	0.985	0.947	1.05	0.64	0.012	0.108	0.715	0.915	1.008	1.041
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	12	0.225	0.243	0.455	0.163	0.006	0.076	0.17	0.205	0.257	0.41

** - Less than 9 observations ## - Computed with 50% or 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 DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	11	24.5	24.818	30.	19.	20.414	4.518	19.	20.	29.	30.
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	11	5.	4.909	12.	0.	16.491	4.061	0.	0.	8.	11.6
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	11	3.2	3.364	7.8	0.9	4.187	2.046	0.96	1.6	4.2	7.38
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	11	10.	16.818	40.	5.	116.364	10.787	6.	10.	25.	38.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	11	34500.	34263.636	41000.	28300.	17154545.455	4141.805	28380.	30000.	38000.	40440.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	11	7.6	7.518	9.6	6.3	0.822	0.906	6.4	6.8	7.8	9.34
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	11	1.6	1.918	3.3	0.7	0.794	0.891	0.78	1.2	2.6	3.28
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	10	8.15	8.188	8.7	7.8	0.06	0.245	7.819	8.035	8.348	8.67

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Annual Analysis for 1982 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	10	8.15	8.132	8.7	7.8	0.064	0.253	7.819	8.035	8.347	8.67
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	10	0.007	0.007	0.016	0.002	0.	0.004	0.002	0.005	0.009	0.015
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	11	31.2	30.027	35.1	20.9	13.98	3.739	21.94	29.	32.1	34.5
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	11	0.028	0.034	0.129	0.007	0.001	0.033	0.008	0.014	0.033	0.112
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	11	5550.	5272.727	6100.	3600.	684181.818	827.153	3700.	4700.	5900.	6100.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	11	15240.	15603.636	18490.	12990.	4067045.455	2016.692	12990.	13240.	17490.	18390.
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	11	0.96	0.891	1.06	0.63	0.026	0.161	0.632	0.67	1.	1.05
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	11	0.219	0.218	0.344	0.157	0.003	0.053	0.159	0.176	0.246	0.324

** - Less than 9 observations ## - Computed with 50% or 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 DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	12	22.5	23.5	30.	17.	19.727	4.442	17.3	19.	27.75	29.4
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	12	4.	5.583	15.	0.	39.356	6.273	0.	0.	13.25	15.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	12	3.65	5.742	18.	1.5	28.454	5.334	1.53	1.9	8.5	16.8
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	12	20.	20.	35.	5.	77.273	8.79	6.5	11.25	25.	33.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	12	42200.	40677.5	48000.	30900.	33962256.818	5827.715	31020.	34850.	45375.	47394.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	12	7.9	7.875	10.4	6.	1.582	1.258	6.	7.225	8.675	10.07
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	12	2.05	2.008	3.5	0.9	0.464	0.682	0.96	1.525	2.35	3.2
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	12	8.185	8.224	8.5	8.08	0.016	0.125	8.092	8.13	8.297	8.464
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	12	8.184	8.209	8.5	8.08	0.016	0.126	8.092	8.13	8.297	8.464
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	12	0.007	0.006	0.008	0.003	0.	0.002	0.003	0.005	0.007	0.008
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	12	29.7	29.85	33.4	26.3	3.985	1.996	26.45	28.95	31.2	32.86
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	12	0.019	0.019	0.052	0.	0.	0.016	0.	0.001	0.028	0.047
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	12	5550.	5508.333	7500.	4200.	899015.152	948.164	4260.	4600.	5900.	7230.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	12	15865.	15552.5	18740.	10990.	4410511.364	2100.122	11665.	14302.5	16990.	18365.
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	12	0.945	0.947	1.19	0.71	0.022	0.149	0.731	0.83	1.048	1.19
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	12	0.158	0.183	0.474	0.126	0.009	0.095	0.126	0.131	0.18	0.396

** - Less than 9 observations ## - Computed with 50% or 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 DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	8	24.5	22.625	30.	13.	40.554	6.368	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	7	6.	7.	15.	0.	22.	4.69	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	7	2.3	3.657	11.2	1.5	11.633	3.411	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	8	10.	13.125	35.	5.	92.411	9.613	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	7	47440.	44760.	51370.	31820.	48522666.667	6965.821	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	7	7.	7.643	12.7	5.1	6.373	2.524	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	7	1.8	2.071	3.7	1.3	0.649	0.806	**	**	**	**
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	7	8.27	8.083	8.5	7.1	0.232	0.481	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	7	8.27	7.774	8.5	7.1	0.343	0.586	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	7	0.005	0.017	0.079	0.003	0.001	0.028	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	8	31.55	30.463	35.1	22.5	19.286	4.392	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	7	0.019	0.023	0.083	0.	0.001	0.027	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	7	5900.	5992.857	7000.	5100.	355357.143	596.118	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	7	17740.	16668.571	18740.	11990.	5181547.619	2276.301	**	**	**	**
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	7	0.87	0.859	0.91	0.75	0.003	0.054	**	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	8	0.175	0.186	0.292	0.126	0.003	0.055	**	**	**	**

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

Annual Analysis for 1985 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	11	25.	26.	36.	20.	28.8	5.367	20.	22.	32.	35.2
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	11	5.	7.455	20.	3.	22.073	4.698	3.4	5.	10.	18.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	11	7.1	10.273	22.	2.2	60.074	7.751	2.3	3.4	18.	22.
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	11	10.	15.909	40.	5.	204.091	14.286	5.	5.	30.	40.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	11	47630.	46776.364	50650.	40340.	7548705.455	2747.491	41124.	44850.	47920.	50304.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	11	8.2	8.109	11.5	3.7	4.231	2.057	4.3	6.8	9.	11.28
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	11	2.4	2.518	4.	0.7	1.272	1.128	0.72	2.	3.5	4.
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	11	8.	8.002	8.29	7.79	0.018	0.133	7.81	7.93	8.02	8.266
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	11	8.	7.985	8.29	7.79	0.018	0.134	7.81	7.93	8.02	8.266
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	11	0.01	0.01	0.016	0.005	0.	0.003	0.005	0.01	0.012	0.016
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	11	32.8	32.945	37.1	28.5	6.485	2.547	28.84	31.2	34.	37.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	11	0.028	0.024	0.051	0.	0.	0.016	0.	0.009	0.032	0.049
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	11	7600.	7400.	8700.	6300.	502000.	708.52	6320.	6900.	7800.	8560.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	11	17240.	16740.	18990.	13240.	3162500.	1778.342	13490.	14990.	17990.	18840.
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	11	0.9	0.902	1.03	0.73	0.007	0.085	0.75	0.85	0.97	1.022
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	11	0.26	0.359	1.412	0.158	0.127	0.356	0.164	0.204	0.316	1.211

** - Less than 9 observations ## - Computed with 50% or 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 DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	10	25.5	23.81	28.9	16.	21.143	4.598	16.2	18.75	27.3	28.83
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	10	7.	11.9	30.	5.	84.1	9.171	5.	5.	17.5	29.5
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	10	7.1	11.84	66.	2.1	371.123	19.265	2.11	2.2	8.975	60.38
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	10	20.	17.5	30.	10.	40.278	6.346	10.	10.	20.	29.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	10	46130.	46673.	51240.	42700.	7342867.778	2709.773	42865.	44462.5	49385.	51071.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	10	6.4	6.99	12.4	3.4	8.308	2.882	3.52	4.675	9.125	12.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	10	2.75	3.25	9.1	1.	5.409	2.326	1.04	1.7	4.025	8.6
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	10	7.9	7.948	8.39	7.4	0.101	0.318	7.426	7.735	8.227	8.385
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	10	7.889	7.844	8.39	7.4	0.113	0.336	7.426	7.735	8.227	8.385
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	10	0.013	0.014	0.04	0.004	0.	0.011	0.004	0.006	0.019	0.038
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	10	30.55	30.45	35.1	26.	9.012	3.002	26.11	27.85	33.325	34.99
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	10	0.022	0.038	0.195	0.002	0.003	0.057	0.003	0.013	0.036	0.18
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	10	6550.	6630.	7200.	6000.	162333.333	402.906	6030.	6375.	7050.	7200.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	10	15865.	16168.	18240.	13740.	2275106.667	1508.346	13866.	15000.	17802.5	18215.
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	10	0.895	0.942	1.09	0.8	0.01	0.098	0.806	0.883	1.035	1.089
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	10	0.228	0.221	0.306	0.155	0.002	0.044	0.157	0.181	0.241	0.301

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

Annual Analysis for 1987 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	11	0.5	0.591	1.	0.	0.141	0.375	0.	0.5	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	11	23.	23.091	32.	15.	38.291	6.188	15.4	17.	28.	32.
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	10	8.	8.4	15.	5.	15.156	3.893	5.	5.	11.25	15.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	10	6.45	5.82	10.3	1.4	11.564	3.401	1.44	2.175	9.25	10.27
00080p	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	10	17.5	18.5	60.	5.	250.278	15.82	5.	8.75	20.	56.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	10	41050.	37580.	44500.	10800.	100595111.111	10029.711	13060.	35350.	43200.	44400.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	10	8.45	7.79	10.	5.1	3.094	1.759	5.18	5.9	9.325	9.97
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	10	2.95	3.24	7.1	1.5	3.107	1.763	1.52	1.775	3.875	6.92
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	7	7.8	7.501	8.37	5.9	0.613	0.783	**	**	**	**

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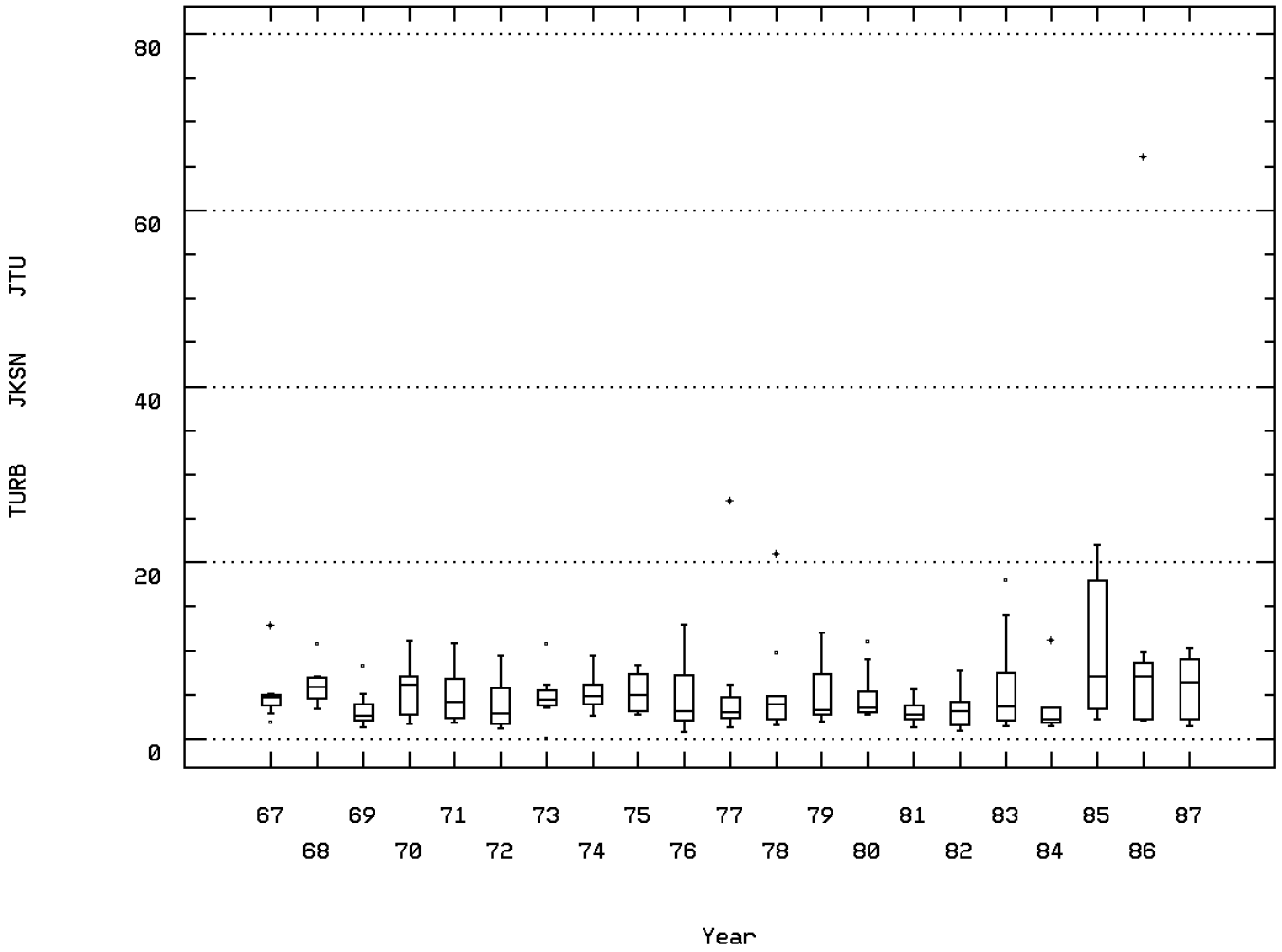
Annual Analysis for 1987 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	7	7.8	6.701	8.37	5.9	1.36	1.166	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	7	0.016	0.199	1.259	0.004	0.219	0.468	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	10	27.	25.23	30.	6.5	45.685	6.759	8.35	25.75	28.85	29.9
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	10	0.036	0.057	0.15	0.	0.003	0.05	0.002	0.019	0.103	0.147
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	9	5500.	5355.556	6500.	1800.	1992777.778	1411.658	1800.	5250.	6200.	6500.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	10	14350.	13710.	17500.	3500.	15403222.222	3924.694	4400.	13250.	16325.	17420.
00951p	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	10	0.875	0.847	1.02	0.49	0.02	0.142	0.521	0.8	0.92	1.013
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	10	0.248	0.367	1.168	0.109	0.114	0.338	0.11	0.155	0.506	1.125

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

Station: DESO0034 Parameter Code: 00070

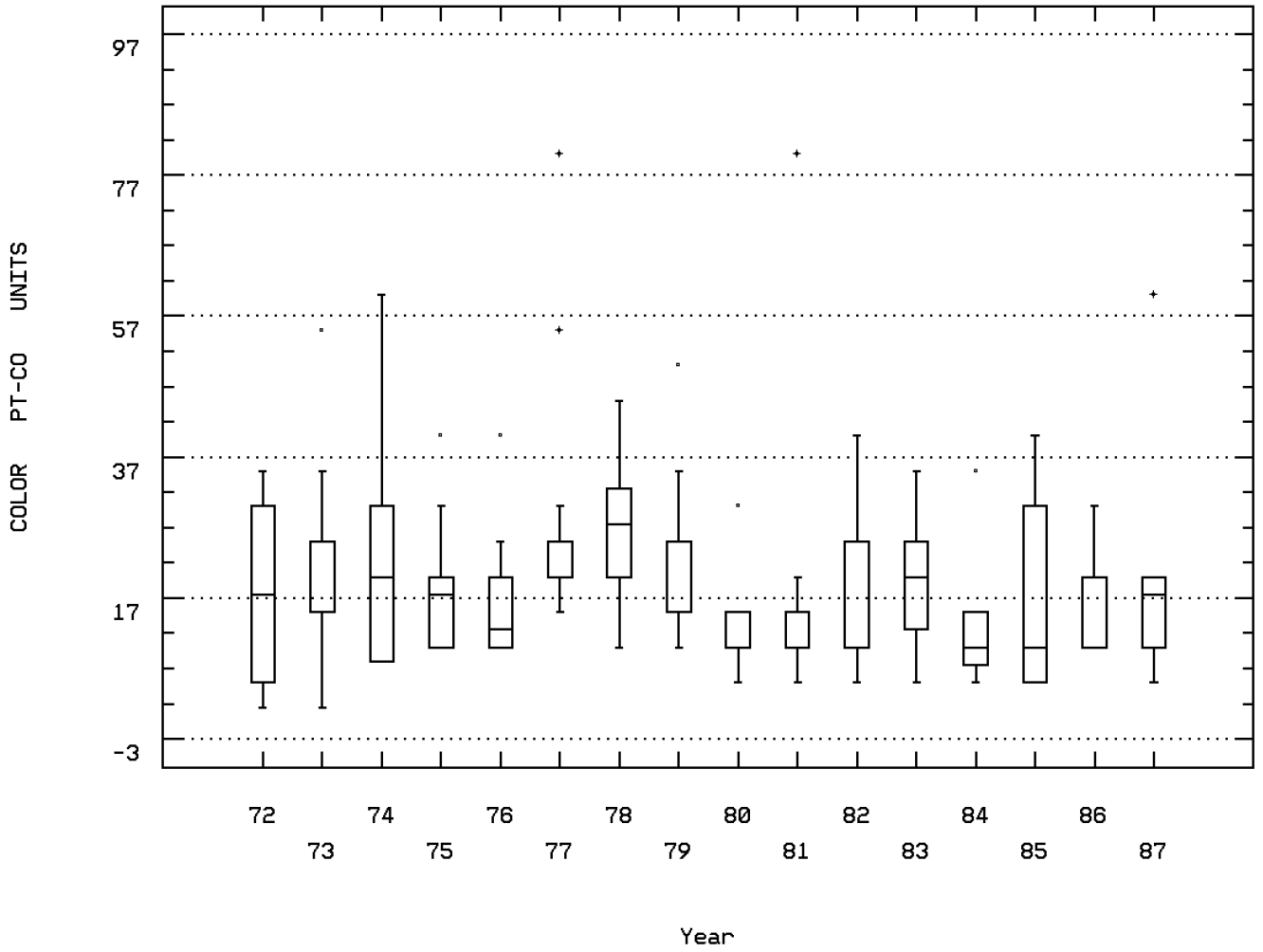
TURBIDITY, (JACKSON CANDLE UNITS)



WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00080

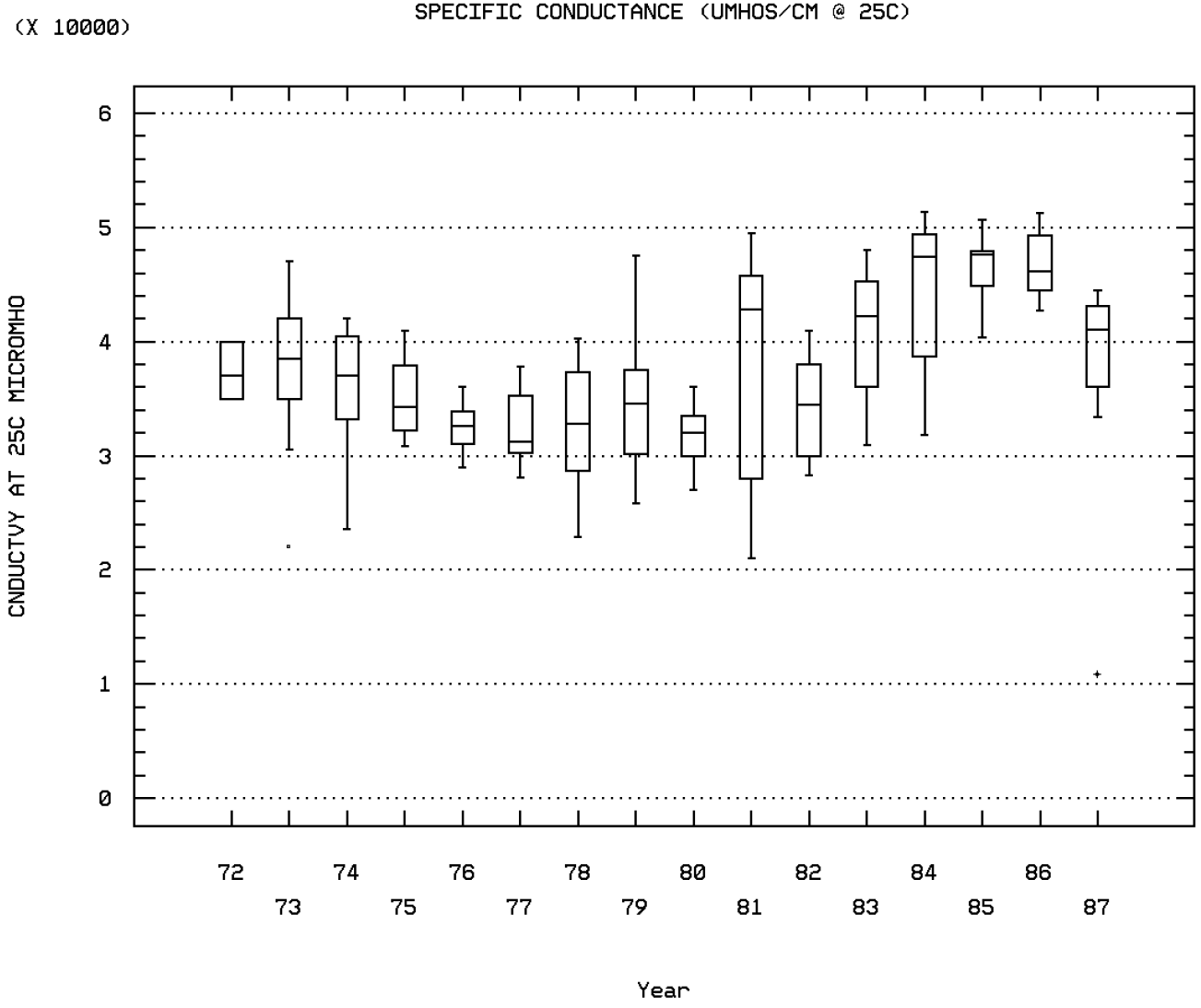
COLOR (PLATINUM-COBALT UNITS)



WN-7 MANATEE R ENT

Station: DES00034 Parameter Code: 00095

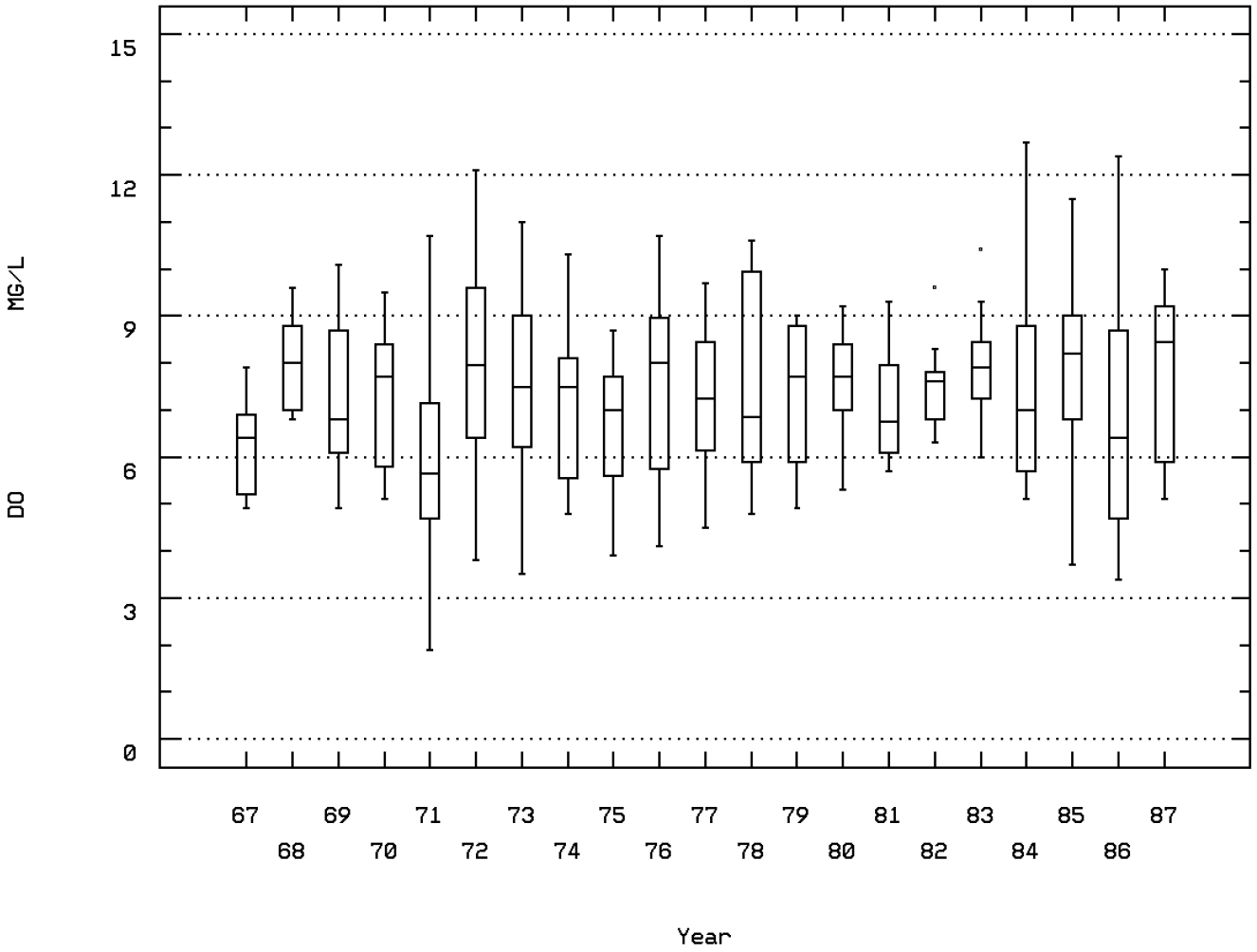
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00300

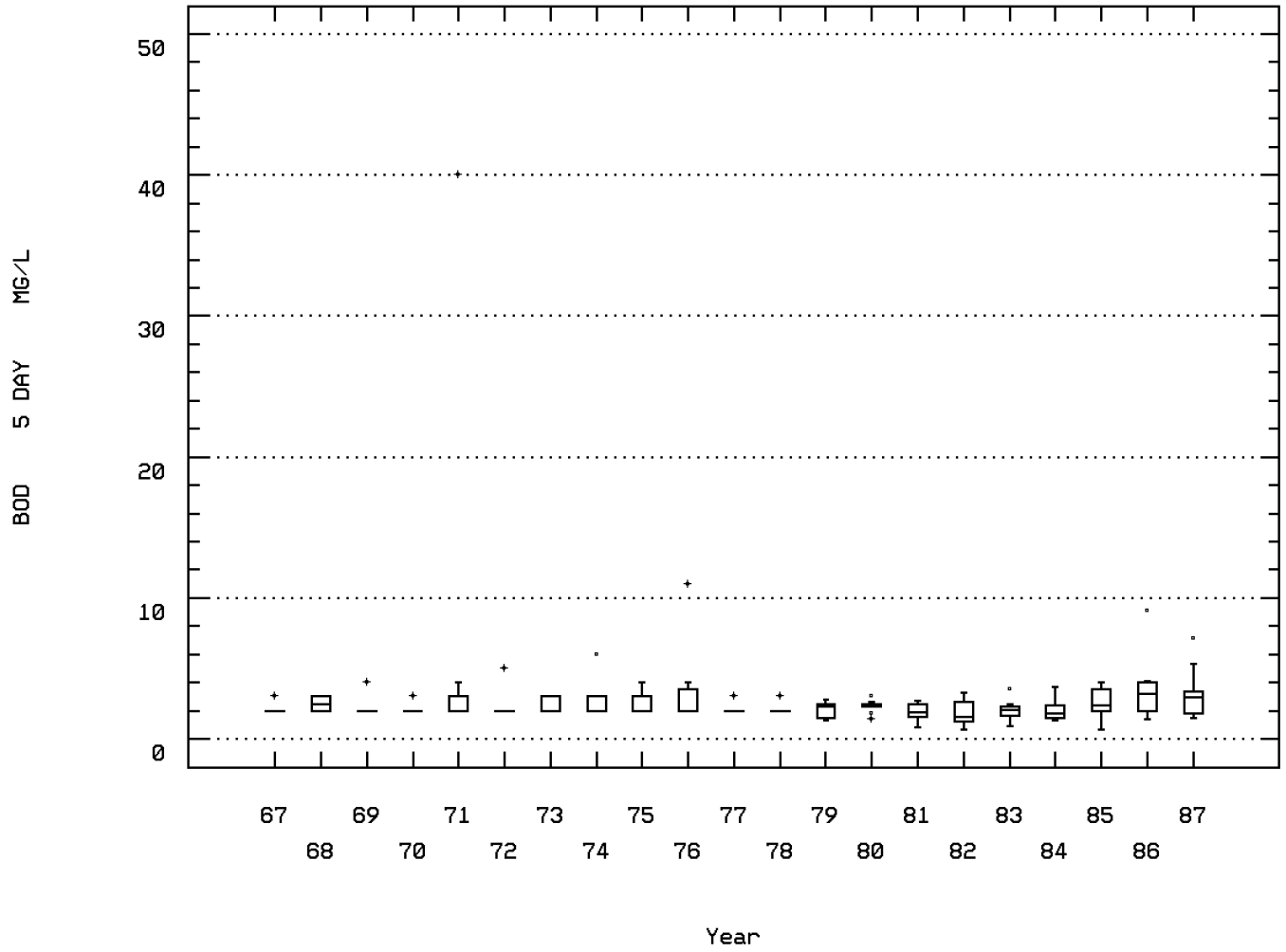
OXYGEN, DISSOLVED



WN-7 MANATEE R ENT

Station: DES00034 Parameter Code: 00310

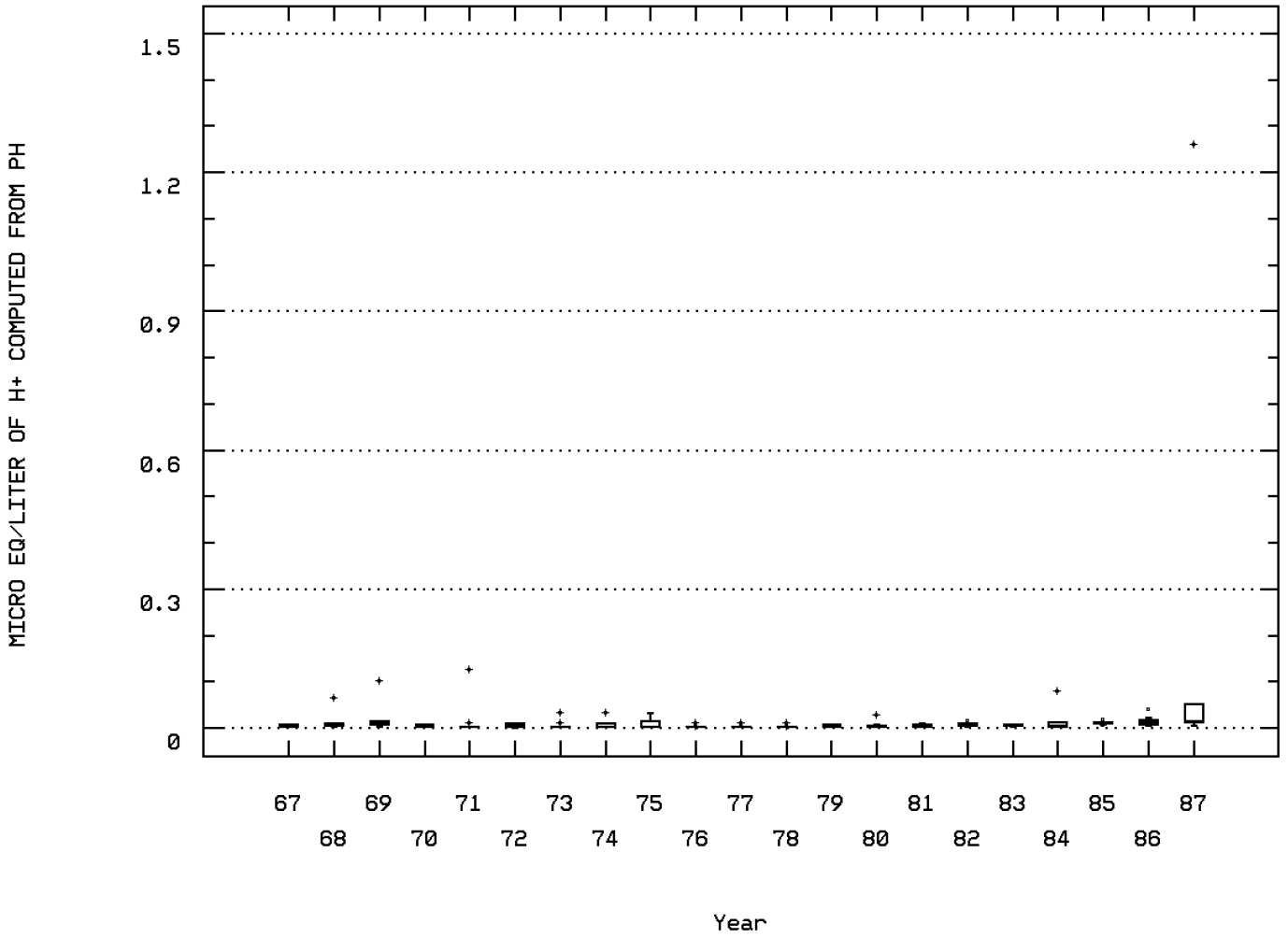
BOD, 5 DAY, 20 DEG C



WN-7 MANATEE R ENT

Station: DES00034 Parameter Code: 00400

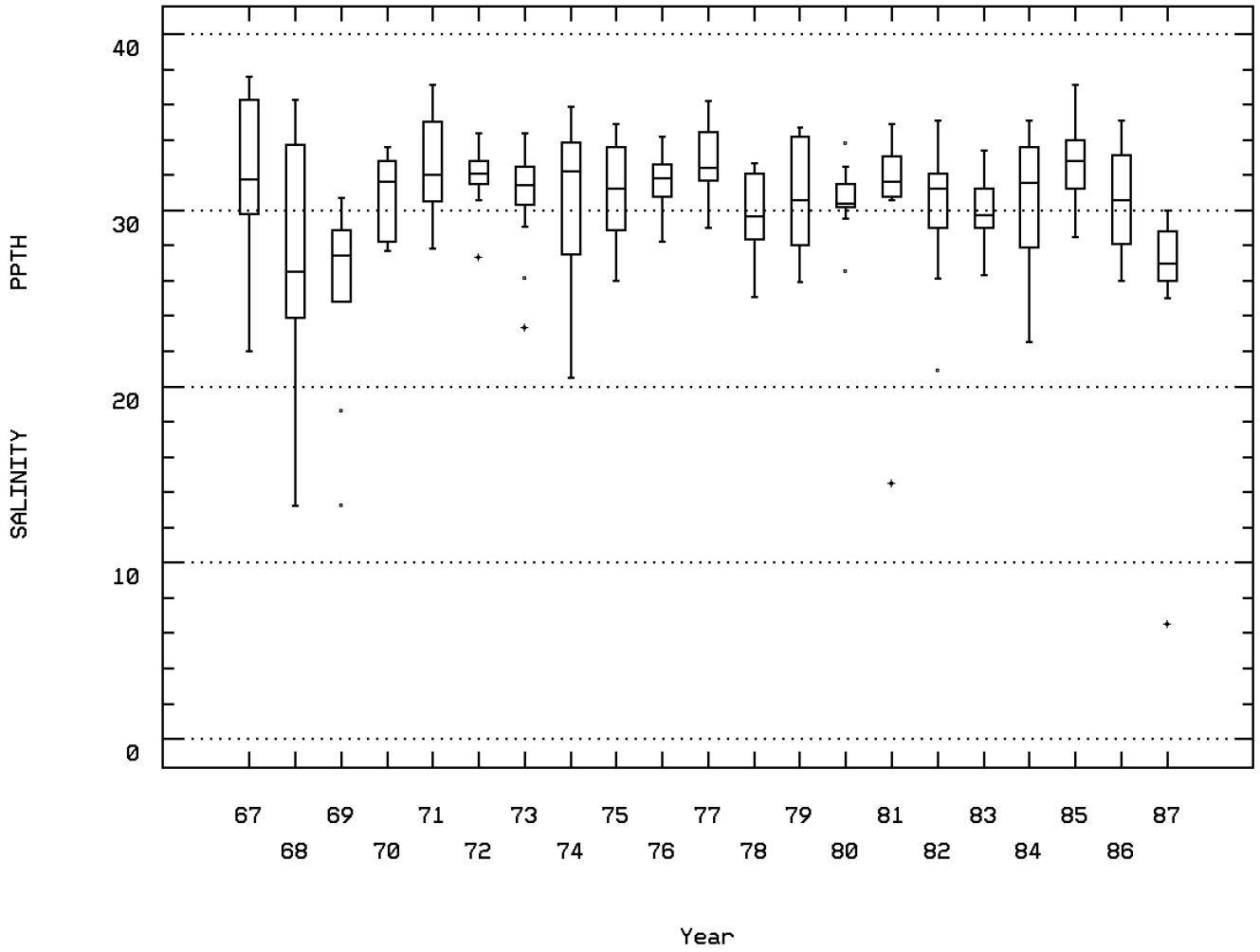
MICRO EQ/LITER OF H+ COMPUTED FROM PH



WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00480

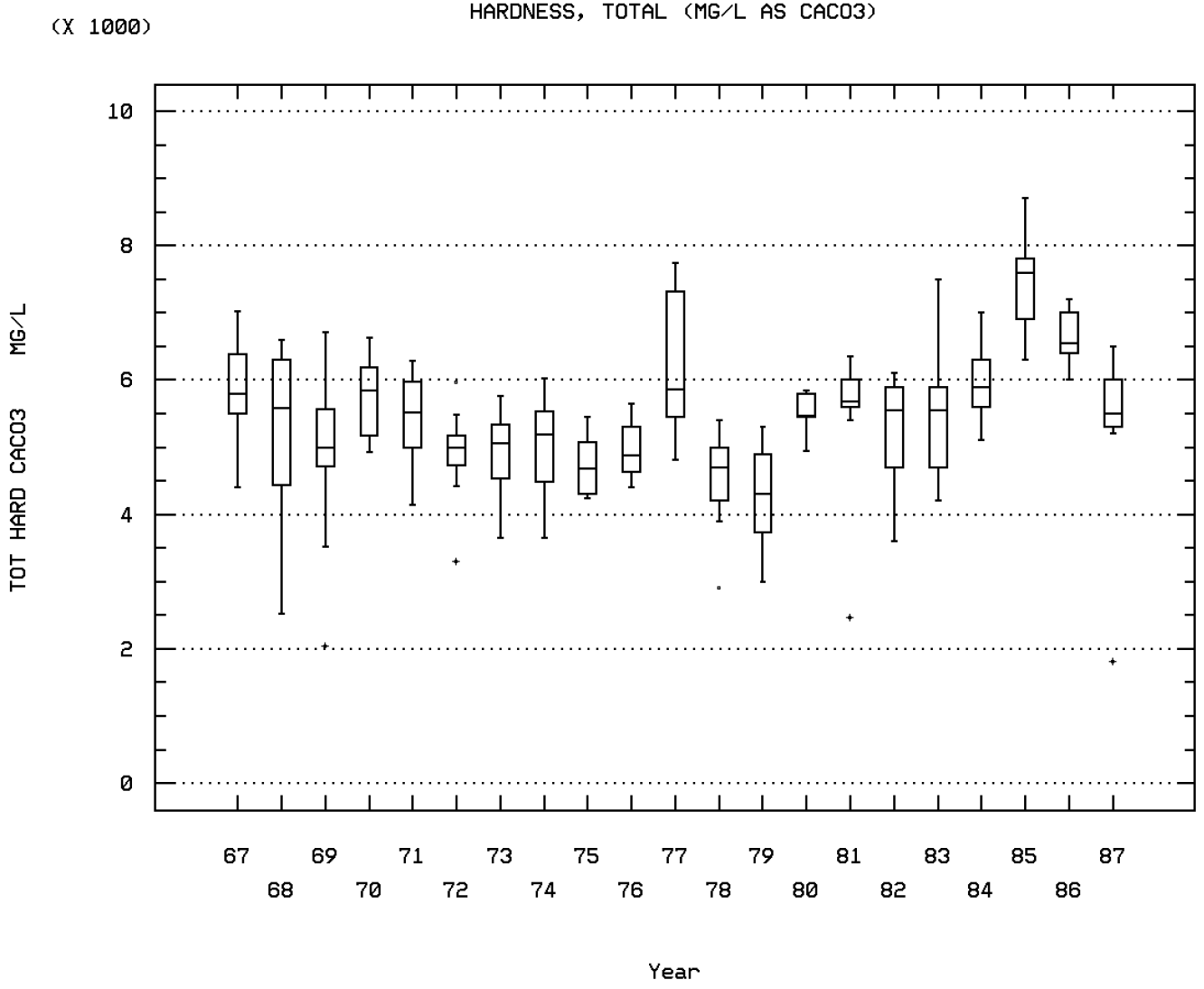
SALINITY - PARTS PER THOUSAND



WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00900

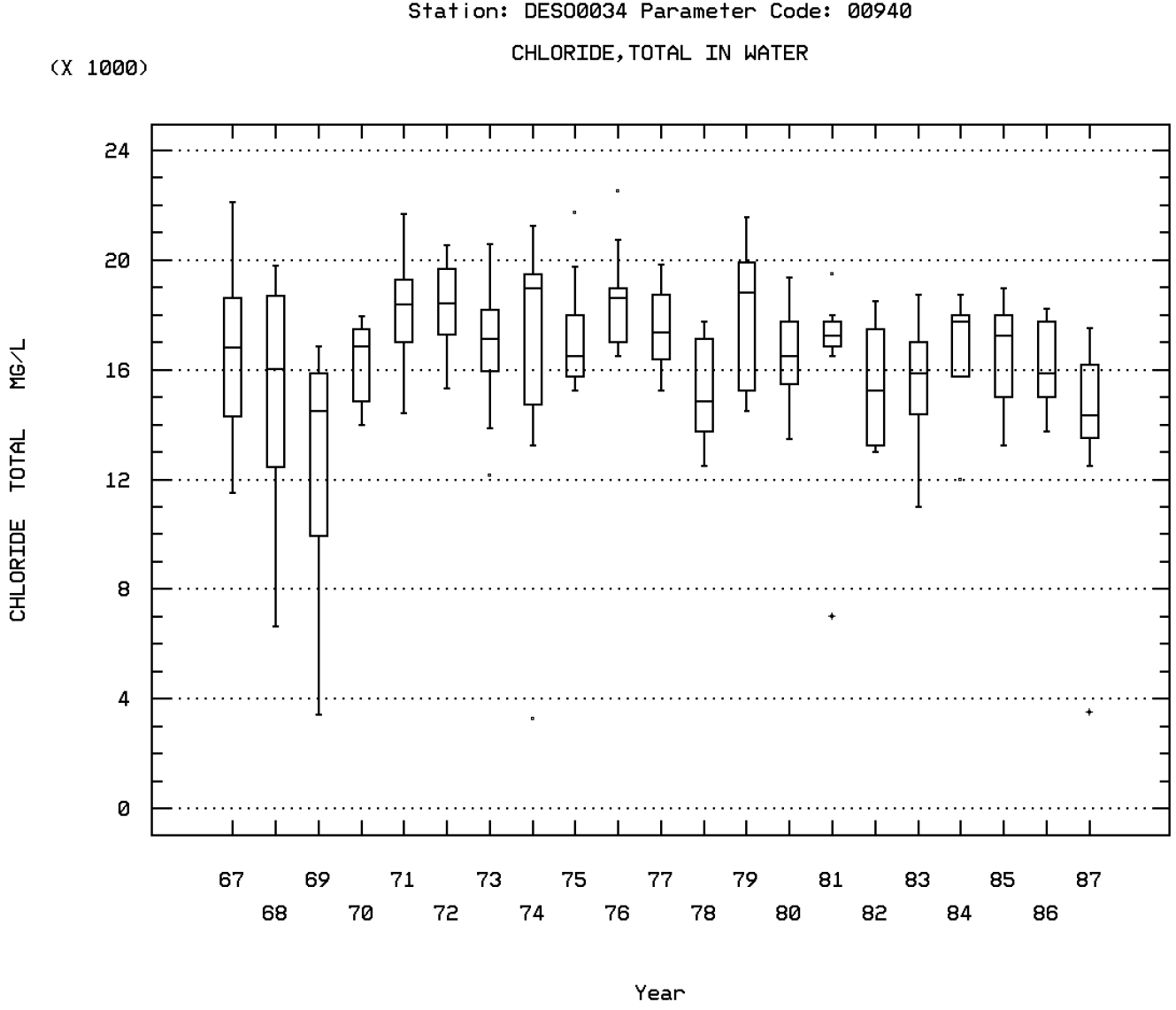
HARDNESS, TOTAL (MG/L AS CACO3)



WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00940

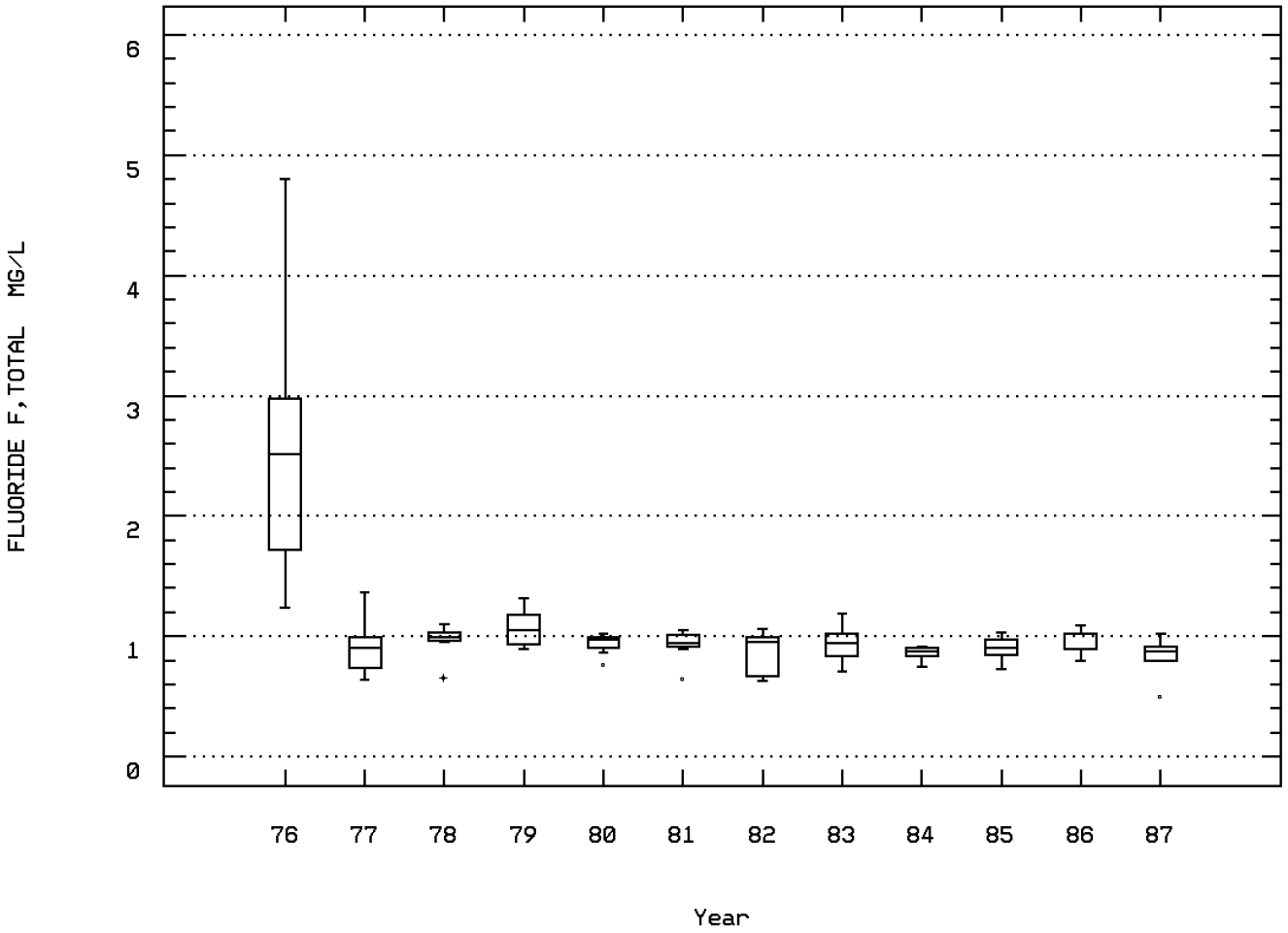
CHLORIDE,TOTAL IN WATER



WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00951

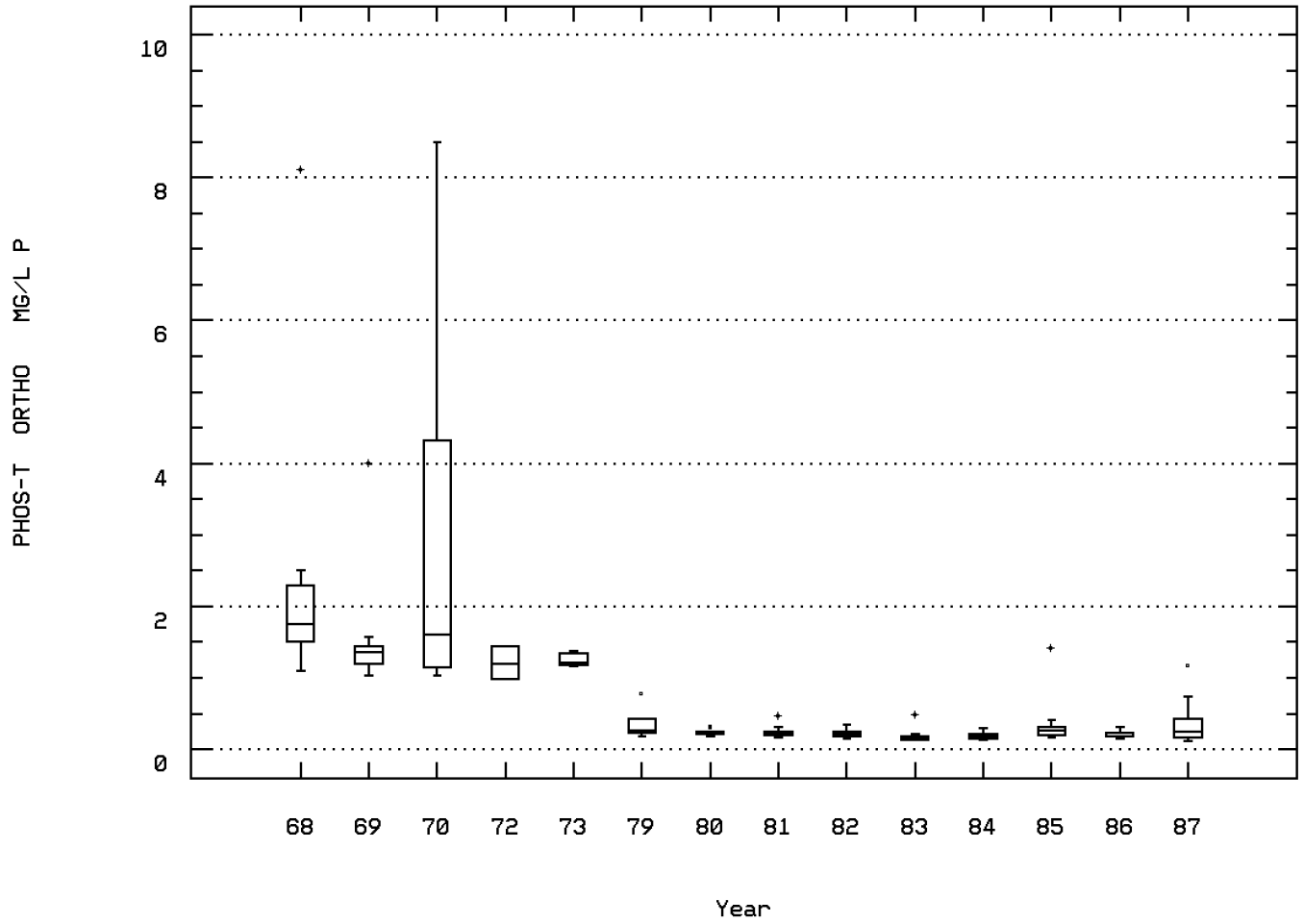
FLUORIDE, TOTAL (MG/L AS F)



WN-7 MANATEE R ENT

Station: DES00034 Parameter Code: 70507

PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



WN-7 MANATEE R ENT

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	56	0.	0.107	5.	0.	0.452	0.672	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	54	28.	28.12	36.	22.	6.113	2.472	24.75	27.	29.625	31.75
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	33	5.	4.667	30.	0.	31.604	5.622	0.	0.	6.	10.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	55	4.	6.664	66.	1.3	85.868	9.266	2.06	2.8	7.1	11.88
00080	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	44	25.	26.932	80.	5.	250.251	15.819	10.	15.	35.	47.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	42	35000.	36894.048	51370.	23800.	45796927.12	6767.343	29000.	31400.	44320.	45861.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	55	6.	6.253	11.5	3.7	2.387	1.545	4.28	5.2	7.	8.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	55	2.	2.515	11.	1.	1.915	1.384	1.7	2.	3.	3.82
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	51	8.3	8.23	9.	7.1	0.16	0.4	7.58	8.	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	51	8.3	8.002	9.	7.1	0.213	0.461	7.58	8.	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	51	0.005	0.01	0.079	0.001	0.	0.015	0.003	0.003	0.01	0.026
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	56	29.45	28.568	35.1	13.2	23.999	4.899	22.02	26.65	32.05	32.73
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	24	0.02	0.048	0.35	0.	0.006	0.078	0.004	0.011	0.047	0.165
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	22	1.	1.298	4.62	0.52	0.778	0.882	0.558	0.825	1.463	2.298
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	54	4989.5	4949.444	7200.	2032.	1390187.836	1179.062	3405.5	4192.25	5700.	6566.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	55	15490.	15140.4	20560.	3249.	11715355.133	3422.77	10574.8	14290.	17490.	18454.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	23	2.18	2.218	5.4	0.63	1.133	1.064	0.862	1.55	2.78	3.57
00951	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	31	0.95	1.029	2.38	0.63	0.141	0.375	0.646	0.88	1.02	1.398
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	32	0.261	0.976	8.5	0.109	3.914	1.978	0.145	0.206	1.03	1.828
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/02/72-12/05/78	20	0.	0.105	0.4	0.	0.025	0.157	0.	0.	0.25	0.4

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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	120	0.	0.25	15.	0.	2.454	1.566	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	119	20.	19.234	27.	1.8	16.503	4.062	14.	16.	22.	24.
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	81	10.	9.284	25.	0.	31.456	5.609	0.6	5.	12.	15.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	116	4.25	5.034	21.	0.	12.396	3.521	1.6	2.55	6.275	9.86
00080	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	88	15.	17.506	60.	1.5	106.342	10.312	7.7	10.	20.	30.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	87	34500.	35585.172	49330.	10800.	54315471.772	7369.903	27400.	30900.	41000.	47200.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	120	8.3	8.31	12.7	3.5	2.291	1.514	6.6	7.425	9.2	10.29
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	120	2.	1.96	9.1	0.7	1.424	1.193	1.	1.	2.	3.
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	113	8.33	8.242	8.7	7.	0.108	0.328	7.8	8.	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	113	8.33	8.079	8.7	7.	0.135	0.367	7.8	8.	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	113	0.005	0.008	0.1	0.002	0.	0.012	0.003	0.003	0.01	0.016
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	118	30.8	30.316	37.1	6.5	11.948	3.457	26.79	28.9	32.15	33.7
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	58	0.023	0.055	0.4	0.	0.009	0.094	0.	0.014	0.033	0.196
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	45	1.	1.142	2.24	0.46	0.203	0.45	0.56	0.88	1.35	1.844
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	115	5400.	5425.939	8000.	1800.	906454.619	952.079	4385.2	4780.	5990.	6460.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	119	16700.	16343.235	22490.	3425.	6714640.503	2591.262	13740.	15000.	17990.	18990.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	51	2.5	2.42	4.4	0.	0.774	0.88	1.222	1.8	3.	3.47
00951	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	67	0.93	1.042	3.95	0.49	0.263	0.513	0.746	0.85	1.02	1.32
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	73	0.264	0.746	4.34	0.126	0.832	0.912	0.164	0.204	1.174	1.548
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/02/72-12/05/78	35	0.1	0.151	0.7	0.	0.039	0.198	0.	0.	0.4	0.44

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/67-12/02/87	60	0.	0.042	1.	0.	0.036	0.191	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/67-12/02/87	57	27.5	27.274	32.	21.	7.009	2.648	23.8	25.5	29.	31.
00035	WIND VELOCITY (MILES PER HOUR)	11/01/72-12/02/87	37	5.	5.108	15.	0.	18.599	4.313	0.	0.	8.	11.8

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

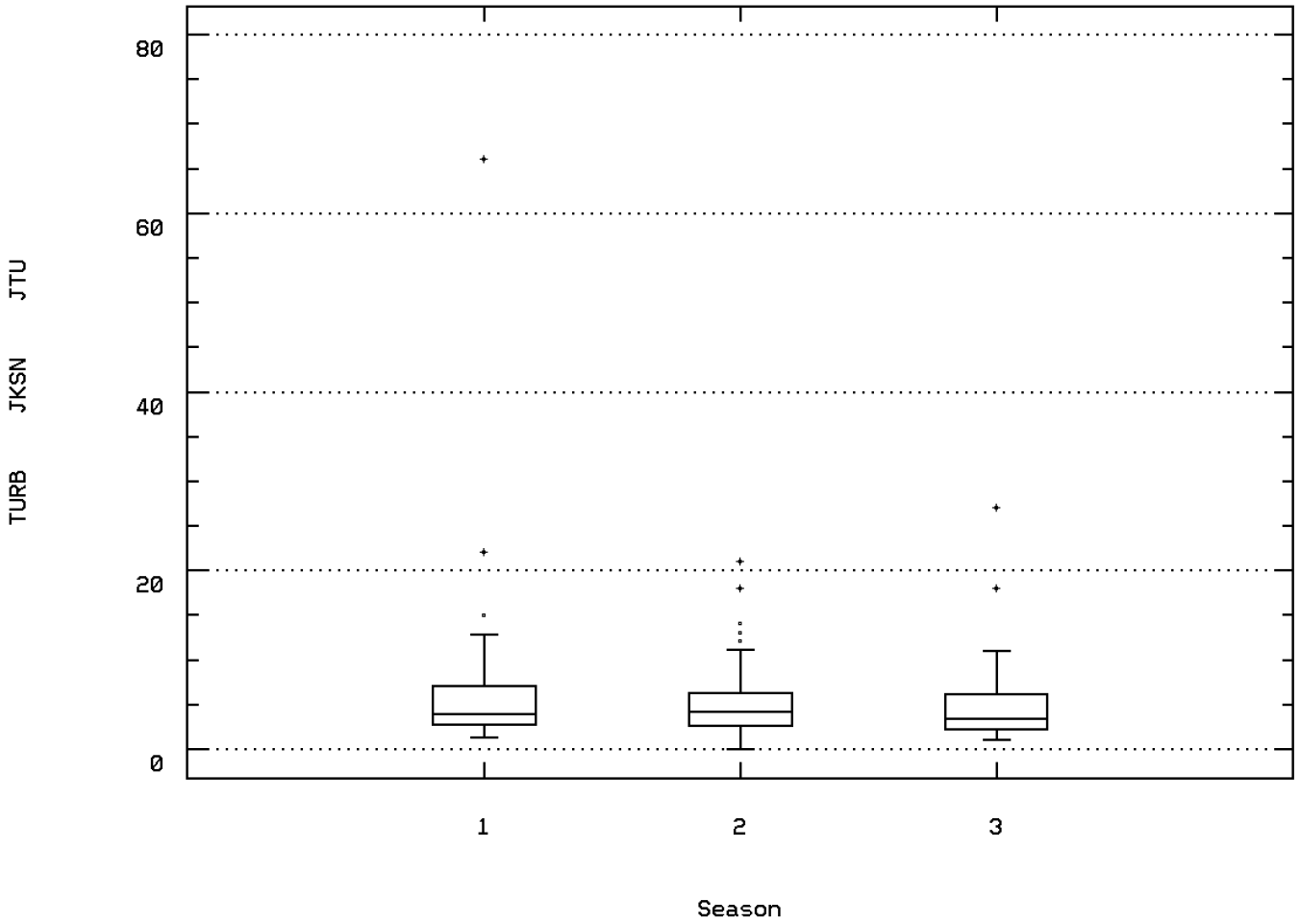
Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	02/28/67-12/02/87	59	3.3	4.715	27.	1.	17.373	4.168	1.6	2.3	6.1	8.7
00080	COLOR (PLATINUM-COBALT UNITS)	04/04/72-12/02/87	42	12.5	15.75	80.	1.5	163.454	12.785	5.	10.	20.	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	39	41600.	41278.462	51240.	29900.	35110871.255	5925.443	33100.	36100.	47000.	49500.
00300p	OXYGEN, DISSOLVED MG/L	01/25/67-12/02/87	58	6.45	6.378	9.7	1.9	1.873	1.369	4.88	5.5	7.325	8.
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/25/67-12/02/87	59	2.1	3.02	40.	1.	24.586	4.958	1.5	2.	3.	3.3
00400p	PH (STANDARD UNITS)	01/25/67-07/08/87	57	8.39	8.245	8.7	5.9	0.215	0.464	7.928	8.085	8.5	8.7
00400p	CONVERTED PH (STANDARD UNITS)	01/25/67-07/08/87	57	8.39	7.514	8.7	5.9	0.759	0.871	7.928	8.085	8.5	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/67-07/08/87	57	0.004	0.031	1.259	0.002	0.028	0.167	0.002	0.003	0.008	0.012
00480p	SALINITY - PARTS PER THOUSAND	01/25/67-12/02/87	58	33.4	32.412	37.6	20.5	14.392	3.794	26.09	31.2	34.75	36.33
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/67-12/02/87	24	0.025	0.039	0.4	0.	0.006	0.079	0.	0.012	0.034	0.057
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/25/67-12/05/78	24	1.1	1.193	2.94	0.46	0.388	0.623	0.55	0.605	1.495	2.14
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	02/28/67-12/02/87	56	5575.	5744.036	8700.	2992.	986650.908	993.303	4782.	5069.25	6337.5	7220.1
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/25/67-12/02/87	56	18120.	18139.107	22100.	11500.	4988415.552	2233.476	15390.	17430.	19490.	20986.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/25/67-12/02/75	25	2.41	2.36	4.5	0.41	0.9	0.949	1.066	1.78	2.78	3.86
00951	FLUORIDE, TOTAL (MG/L AS F)	01/07/76-12/02/87	31	1.	1.228	4.8	0.72	0.697	0.835	0.874	0.9	1.05	2.596
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/30/68-12/02/87	32	0.247	0.61	2.3	0.123	0.357	0.597	0.135	0.167	1.135	1.474
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/02/72-12/05/78	17	0.	0.059	0.4	0.	0.015	0.123	0.	0.	0.05	0.32

** - 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

Station: DESO0034 Parameter Code: 00070

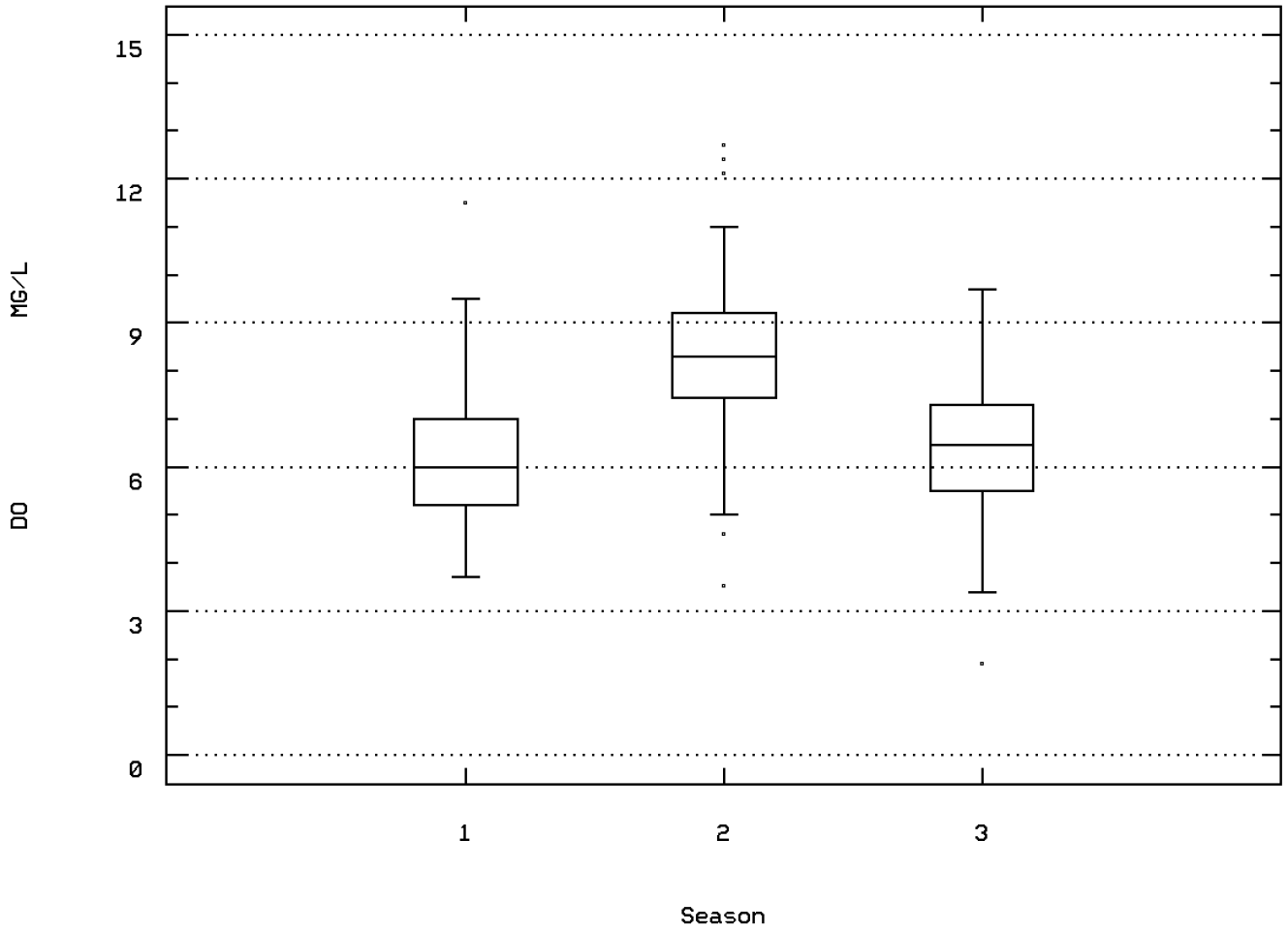
TURBIDITY, (JACKSON CANDLE UNITS)



WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00300

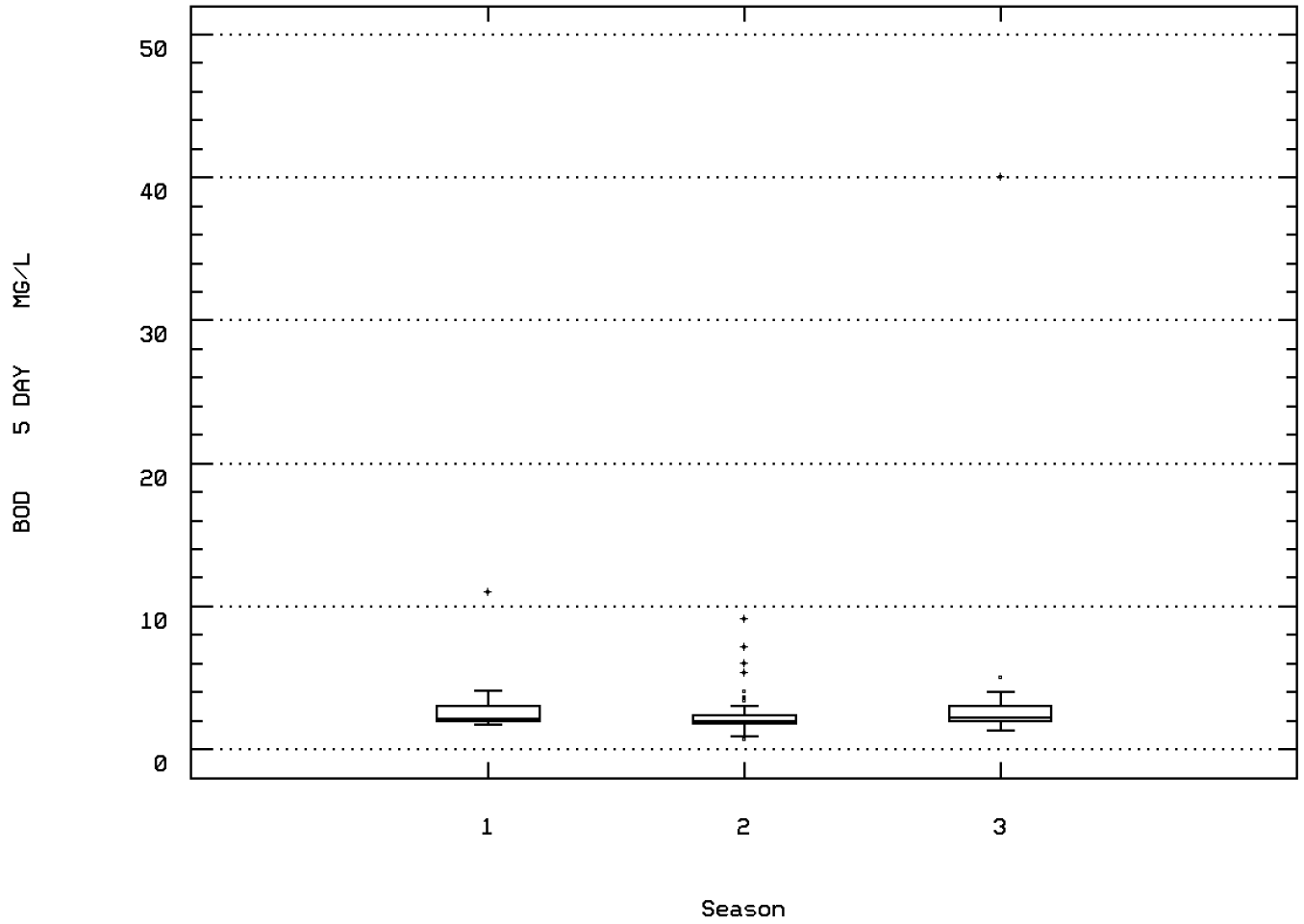
OXYGEN, DISSOLVED



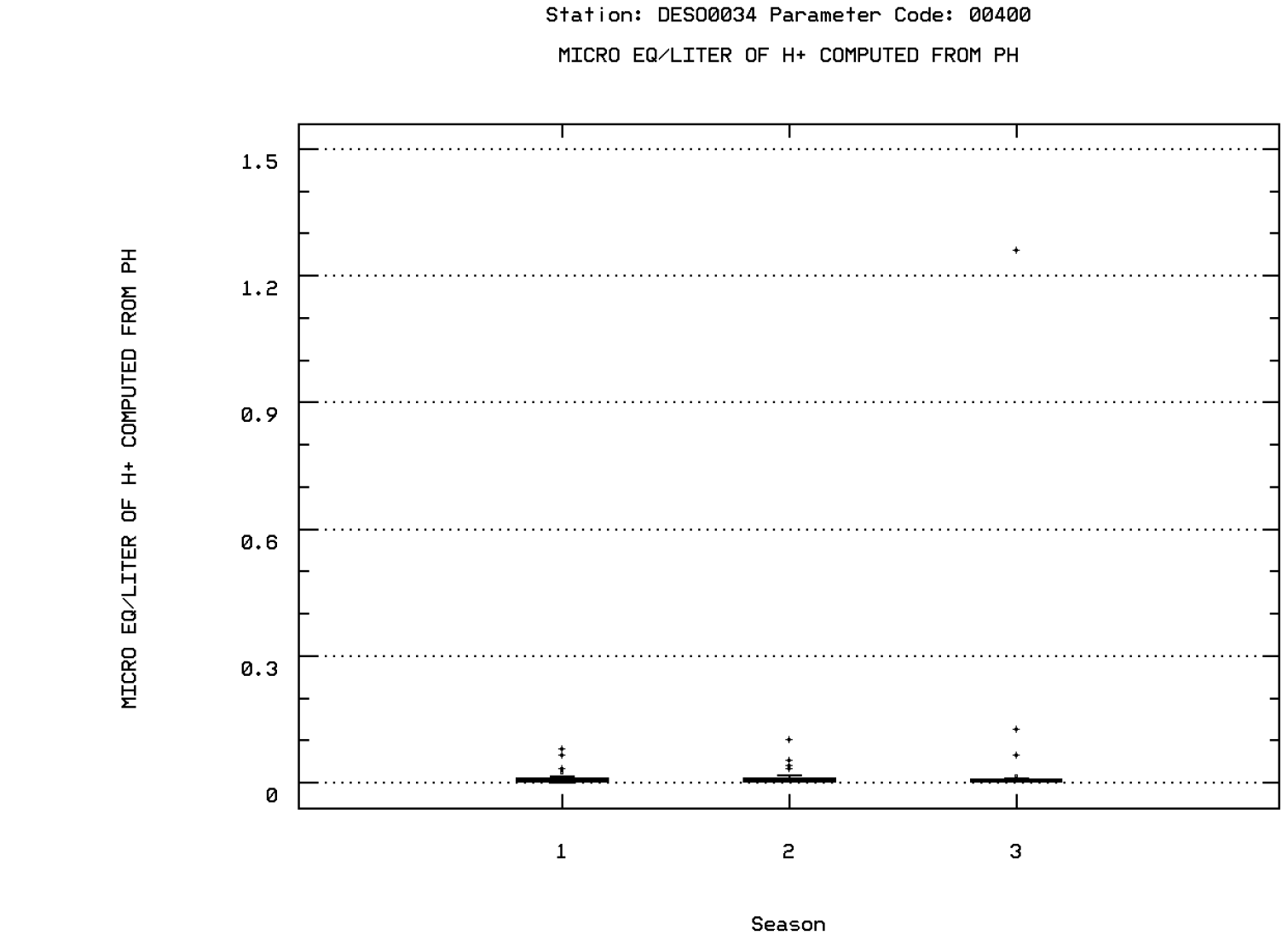
WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



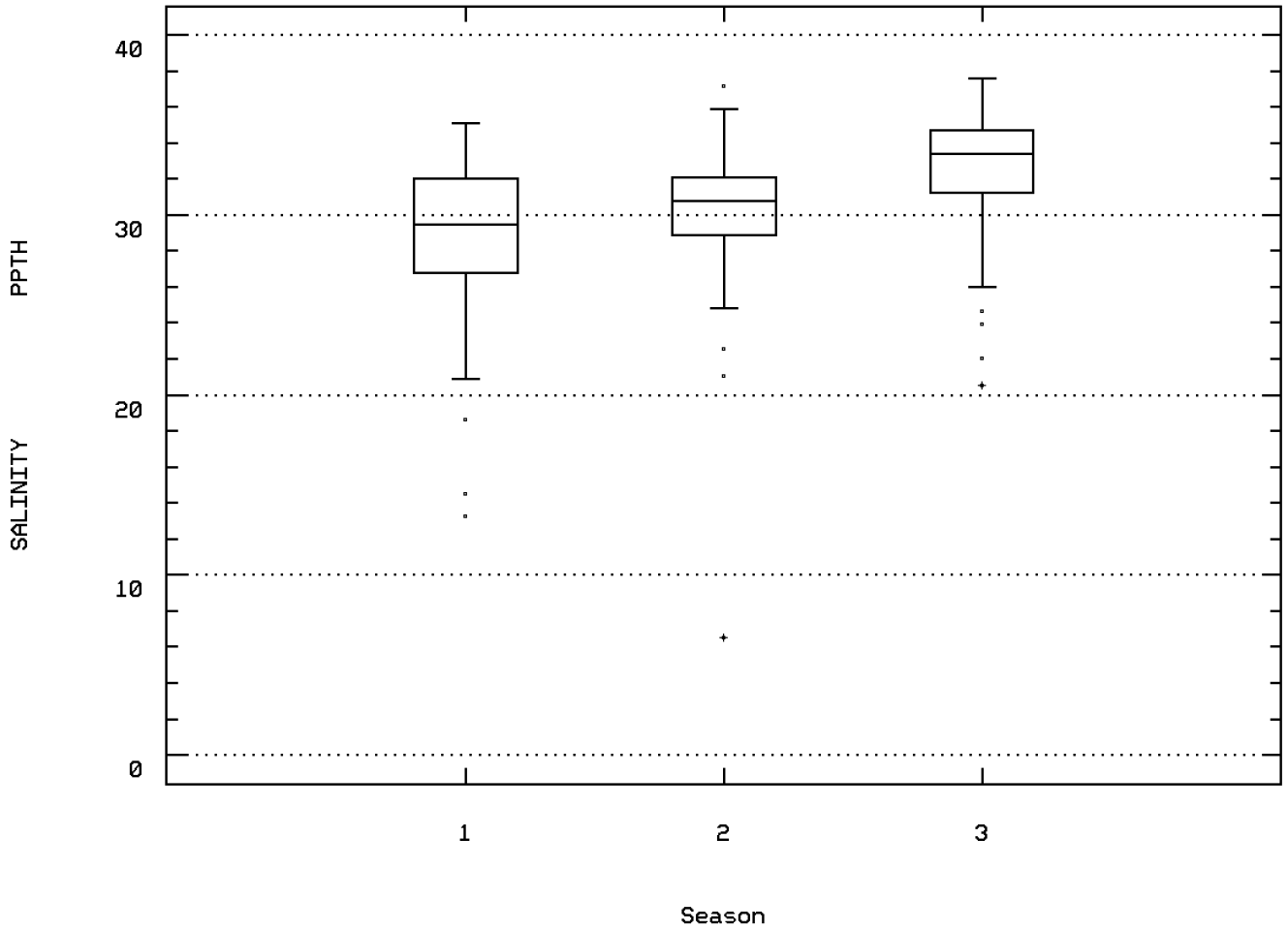
WN-7 MANATEE R ENT



WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00480

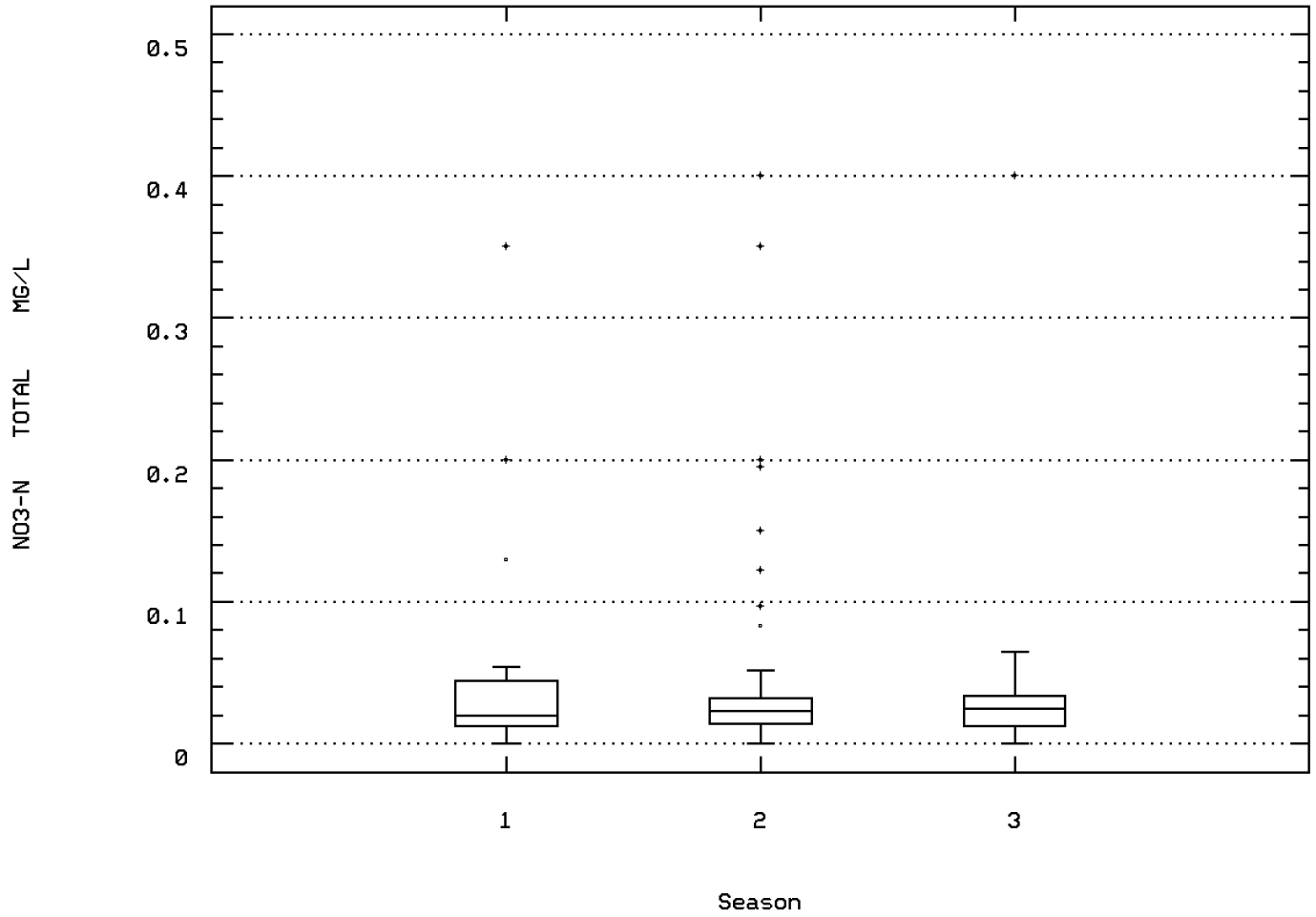
SALINITY - PARTS PER THOUSAND



WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00620

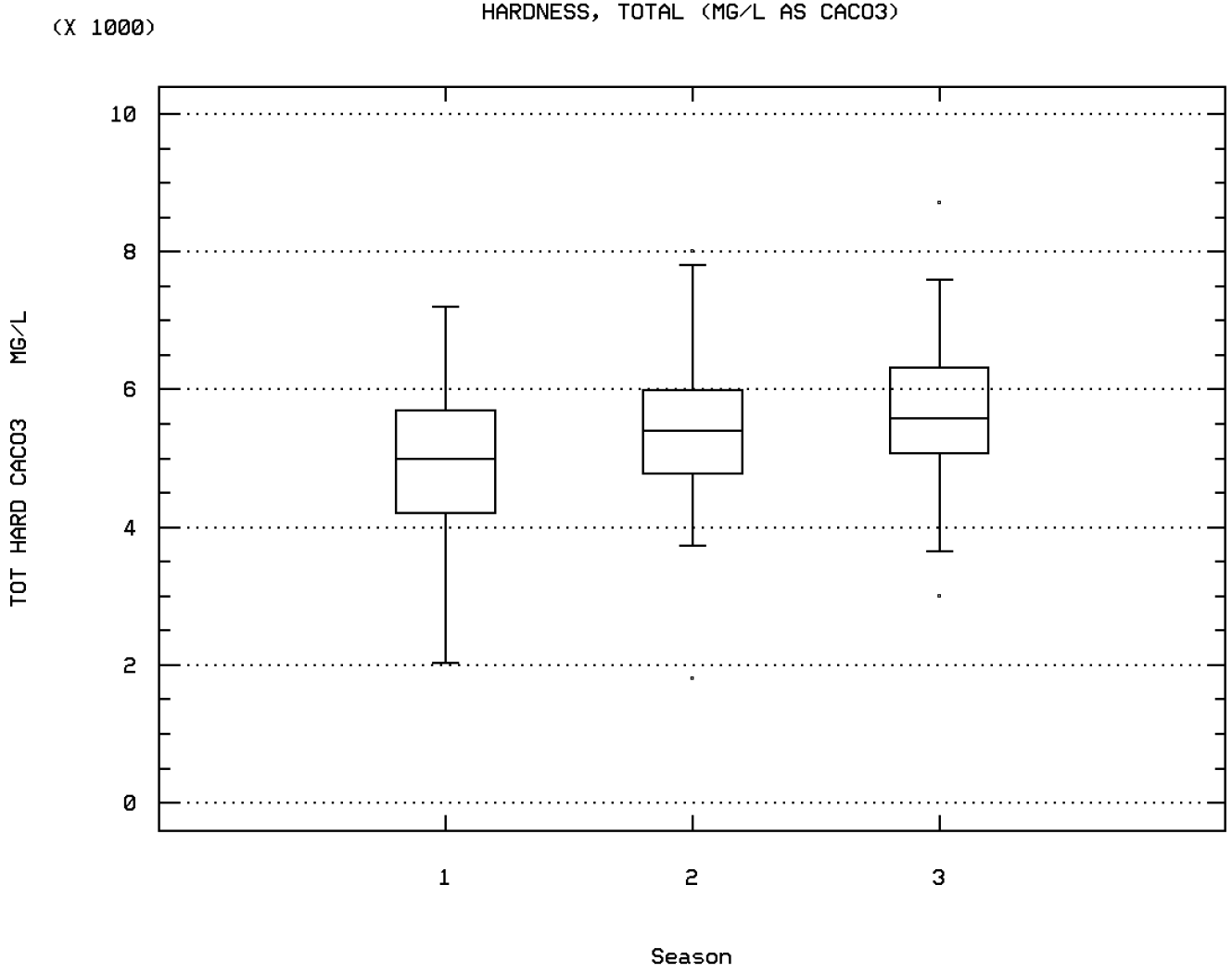
NITRATE NITROGEN, TOTAL (MG/L AS N)



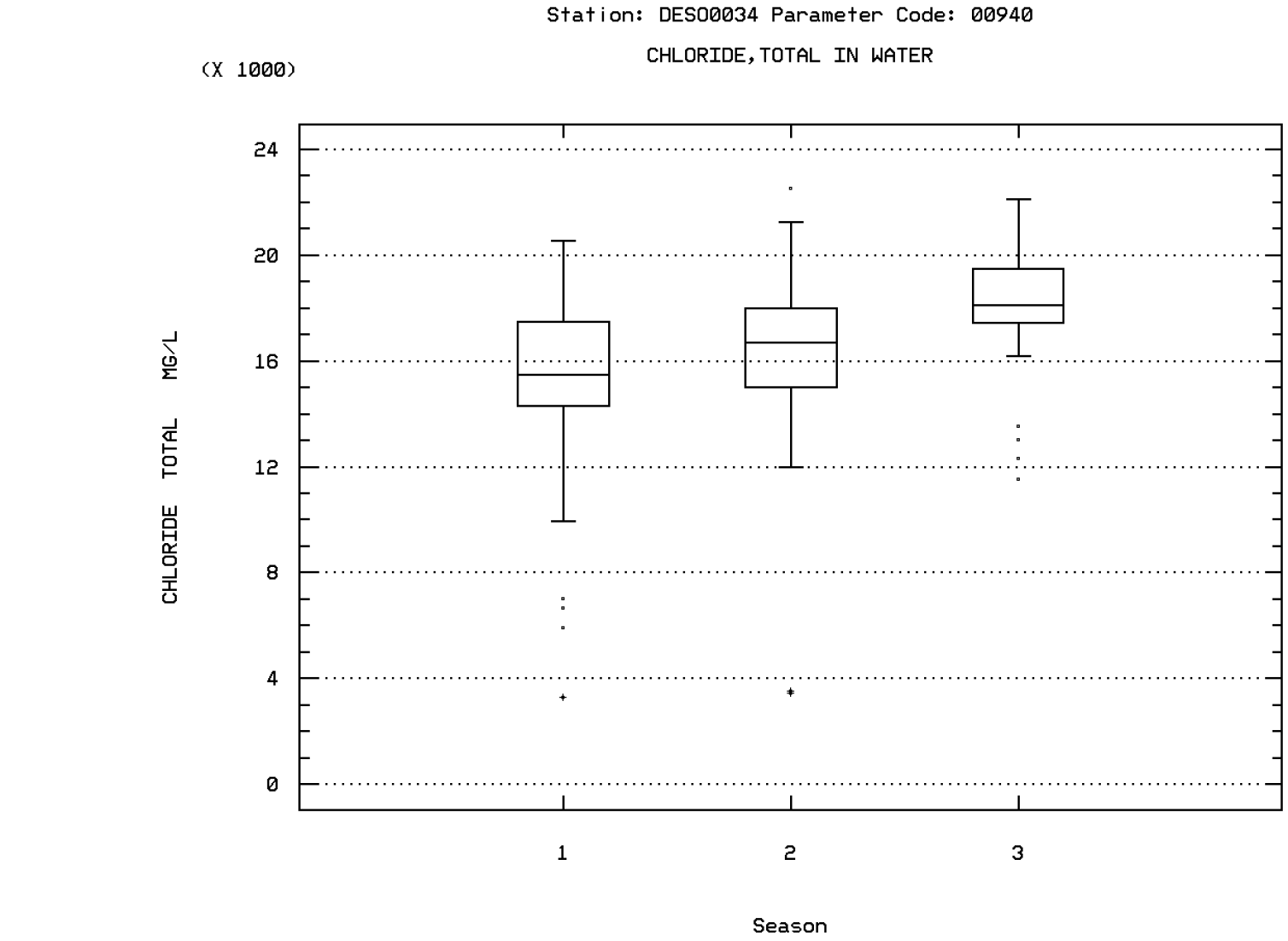
WN-7 MANATEE R ENT

Station: DESO0034 Parameter Code: 00900

HARDNESS, TOTAL (MG/L AS CACO3)



WN-7 MANATEE R ENT



WN-7 MANATEE R ENT

Station Inventory for Station: DESO0035

NPS Station ID: DESO0035
LAT/LON: 27.547226/ -82.646671
Agency: 112WRD
Date Created: 08/30/76
Location: TAMPA BAY,FLA Q -15 HX
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 273250082384800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 5.30
On/Off RF1:
RF3 Index: 03100201183800.00
RF3 Mile Point: 4.40
Distance from RF3: 0.54
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/01/71-06/01/71	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/71-06/01/71	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/01/71-06/01/71	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/71-06/01/71	1	53000.	53000.	53000.	53000.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/01/71-06/01/71	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/01/71-06/01/71	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/01/71-06/01/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/01/71-06/01/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/71-06/01/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/01/71-06/01/71	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/01/71-06/01/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/01/71-06/01/71	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	06/01/71-06/01/71	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	06/01/71-06/01/71	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/01/71-06/01/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/01/71-06/01/71	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	06/01/71-06/01/71	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	06/01/71-06/01/71	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	06/01/71-06/01/71	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/71-06/01/71	1	19100.	19100.	19100.	19100.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/01/71-06/01/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/01/71-06/01/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/01/71-06/01/71	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	06/01/71-06/01/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/01/71-06/01/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/01/71-06/01/71	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/01/71-06/01/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/01/71-06/01/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/01/71-06/01/71	1	180.	180.	180.	180.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/71-06/01/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/01/71-06/01/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/01/71-06/01/71	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/01/71-06/01/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/01/71-06/01/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/01/71-06/01/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	06/01/71-06/01/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/01/71-06/01/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DESO0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	1	0	0.00							1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Marine Acute	1100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: DESO0036

NPS Station ID: DESO0036 LAT/LON: 27.487504/ -82.646948 Agency: 21FLMML Date Created: 04/11/98
Location: PALMA SOLA BAY - N OF CHNL BTWN PVTMARK #3-5 FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/SOLIDS STORET Station ID(s): 272915082384900
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	2	0.47	0.47	0.61	0.33	0.039	0.198	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	2	0.06	0.06	0.11	0.01	0.005	0.071	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	2	1.35	1.35	1.48	1.22	0.034	0.184	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	2	1.5	1.5	1.8	1.2	0.18	0.424	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	2	1361.	1361.	1750.	972.	302642.	550.129	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	1	74.9	74.9	74.9	74.9	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DESO0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	2	0.005	0.005	0.005	0.004	0.	0.001	**	**	**	**
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	1	67.2	67.2	67.2	67.2	0.	0.	**	**	**	**
80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	1	18.9	18.9	18.9	18.9	0.	0.	**	**	**	**
80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**

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

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

Station Inventory for Station: DESO0037

NPS Station ID: DESO0037 LAT/LON: 27.496670/ -82.649449 Agency: 21FLMML Date Created: 04/11/98
Location: PALMA SOLA BAY - CAUSEWAY ON SR64 MANATEE CTY FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/TISSUE STORET Station ID(s): 272948082385800
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04377	FECAL STREPTOCOCCI, 5 TUBE, SHELLFISH MPN	04/26/90-10/29/90	4 ##	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/26/90-10/29/90	2 ##	16.75	16.75	32.	1.5	465.125	21.567	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/26/90-10/29/90	2 ##	0.841	0.841	1.505	0.176	0.883	0.94	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.928								
31520	COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35C	04/26/90-10/29/90	4	32.	32.375	64.	1.5	651.229	25.519	**	**	**	**
31520	LOG COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,3	04/26/90-10/29/90	4	1.505	1.248	1.806	0.176	0.531	0.729	**	**	**	**
31520	GM COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35	GEOMETRIC MEAN =			17.707								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/26/90-04/26/90	1	118.	118.	118.	118.	0.	0.	**	**	**	**
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	04/26/90-04/26/90	1	2.072	2.072	2.072	2.072	0.	0.	**	**	**	**
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			118.								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/26/90-10/29/90	2 ##	16.8	16.8	32.	1.6	462.08	21.496	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	04/26/90-10/29/90	2 ##	0.855	0.855	1.505	0.204	0.846	0.92	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.155								
31629	AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/100ML	04/26/90-10/29/90	2	40.	40.	64.	16.	1152.	33.941	**	**	**	**
31629	LOG AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/10	04/26/90-10/29/90	2	1.505	1.505	1.806	1.204	0.181	0.426	**	**	**	**
31629	GM AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/100	GEOMETRIC MEAN =			32.								
31634	VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	8.75	8.75	16.	1.5	105.125	10.253	**	**	**	**
31634	LOG VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	0.69	0.69	1.204	0.176	0.528	0.727	**	**	**	**
31634	GM VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	GEOMETRIC MEAN =			4.899								
31640	FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	04/26/90-10/29/90	4	32.	24.375	32.	1.5	232.563	15.25	**	**	**	**
31640	LOG FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	04/26/90-10/29/90	4	1.505	1.173	1.505	0.176	0.442	0.665	**	**	**	**
31640	GM FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	GEOMETRIC MEAN =			14.89								
31675	FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 31676)	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31675	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 3167	04/26/90-10/29/90	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31675	GM FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 31676	GEOMETRIC MEAN =			1.5								
31748	STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	04/26/90-10/29/90	2	2100.	2100.	2600.	1600.	500000.	707.107	**	**	**	**
31748	LOG STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	04/26/90-10/29/90	2	3.31	3.31	3.415	3.204	0.022	0.149	**	**	**	**
31748	GM STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	GEOMETRIC MEAN =			2039.608								
50841	AVERAGE SHELL LENGTH CM	04/26/90-10/29/90	4	10.8	10.775	11.6	9.9	0.542	0.737	**	**	**	**
50842	ARSENIC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	11.1	23.75	70.6	2.2	1000.383	31.629	**	**	**	**
50843	MERCURY IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	0.125	0.125	0.15	0.1	0.	0.021	**	**	**	**
50844	ALPHA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50845	BETA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50847	ACENAPHTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50848	ACENAPHTHYLENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50849	BENZO(A)ANTHRACENE IN SHELLFISH TISDRY WEIGHTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50850	BENZO(A)PYRENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50851	BENZO(K)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	04/26/90-10/29/90	4 ##	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

Parameter Inventory for Station: DESO0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
50852	BENZO(B)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50853	DIBENZO(A,H)ANTHRACENE IN SHELLFSH TIS DRYWGTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50854	FLUORENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50855	NAPHTHALENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50856	ANTHRACENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50857	BENZO(GHI)PERYLENE IN SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	4 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
50858	CHRYSENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.012	0.025	0.008	0.	0.009	**	**	**	**
50859	FLUORANTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50860	INDENO(1,2,3-CD)PYRENE IN SHELLFSH TIS DRYWGTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50861	PHENANTHRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.012	0.025	0.008	0.	0.009	**	**	**	**
50862	PYRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50863	2-METHYLNAPHTHALENE IN SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50864	PHENANTHRENE, 1-METHYL,SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50865	VIBRIO ALGINOLYTICUS, 3-TUBE WT TIS SHELFHMPN/100G	04/26/90-10/29/90	4	24.	24.	32.	16.	85.333	9.238	**	**	**	**
50866	VIBRIO CHOLERAE, 3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50868	VIBRIO FLUVIALIS,3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50869	VIBRIO HOLLISAE,3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50870	VIBRIO METSCHNIKOVII,3-TUBE WET TIS SHELFHMPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50871	VIBRIO MIMICUS, 3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50872	VIBRIO VULNIFICUS,3-TUBE WET TIS SHELLFISHMPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50873	AEROMONAS HYDROPHILA,MF,MA AGAR,20H,WTIS35C #/100G	04/26/90-10/29/90	4	16.	16.375	32.	1.5	155.229	12.459	**	**	**	**
50874	AEROMONAS SOBRIA,MF,M-A AGAR,20HR, 35C #/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50875	VIBRIO ALGINOLYTICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	8.75	8.75	16.	1.5	105.125	10.253	**	**	**	**
50876	VIBRIO CHOLERAE, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50877	VIBRIO DAMSELA, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50878	VIBRIO FLUVIALIS, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50879	VIBRIO HOLLISAE, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50880	VIBRIO METSCHNIKOVII, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50881	VIBRIO MIMICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50882	VIBRIO VULNIFICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50883	AEROMONAS SOBRIA,MF,M-A AGAR,20 HR,35C #/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50884	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100G	04/26/90-04/26/90	1	64.	64.	64.	64.	0.	0.	**	**	**	**
50885	ECOLI,NA+MUG,4HRS,35C MPN/100G	04/26/90-04/26/90	1	32.	32.	32.	32.	0.	0.	**	**	**	**
50886	FECAL STREPTOCOCCI,KF BROTH,35C (TUBE 31676) /100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50887	STD PLATE COUNT,PLATE COUNT AGAR, 35C 48HR #/100G	04/26/90-04/26/90	1	1410.	1410.	1410.	1410.	0.	0.	**	**	**	**
50888	VIBRIO PARAHAEMOLYTICUS,3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50889	VIBRIO ALGINOLYTICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1	64.	64.	64.	64.	0.	0.	**	**	**	**
50890	VIBRIO CHOLERAE, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50891	VIBRIO DAMSELA, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50892	VIBRIO FLUVIALIS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50893	VIBRIO HOLLISAE, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50894	VIBRIO METSCHNIKOVII, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50895	VIBRIO MIMICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50896	VIBRIO VULNIFICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50897	AEROMONAS HYDROPHILA,MF,M-A AGAR,20HR,35CWTW#/100G	04/26/90-04/26/90	1	32.	32.	32.	32.	0.	0.	**	**	**	**
50898	AEROMONAS SOBRIA,MF,M-A AGAR,20HR,35C WETWGT#/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50902	O,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50903	O,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50904	O,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50905	ALPHA CHLORDANE IN SHELLFISH TISSUE DRY WGT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50906	CHLORPYRIFOS(DURSBAN) IN SHELLFISH TIS DRY WTUG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50907	NALED (DIBROM) IN SHELLFISH TISSUE DRY WEIGHTUG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50908	FICAM (BENDIOCARB) IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50919	STD PLATE COUNT, PLATE COUNT AGAR,35C 48HRMPN/100G	04/26/90-10/29/90	4	13700.	13875.	26000.	2100.	130769166.667	11435.435	**	**	**	**
50920	ECOLI:EMB,SIMMONS CITRATE,INDOLE. MPN/100G	04/26/90-10/29/90	4 ##	8.75	8.75	16.	1.5	70.083	8.372	**	**	**	**
50921	VIBRIO PARAHAEMOLYTICUS,3-TUBE TIS WT SHF MPN/100G	04/26/90-10/29/90	4	16.	24.375	64.	1.5	744.563	27.287	**	**	**	**
50922	ECOLI,NA+MUG,4 HOURS,35C,COL MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	92.55	93.875	109.	81.4	139.703	11.82	**	**	**	**
81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	5.1	4.375	5.9	1.4	4.243	2.06	**	**	**	**
81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	0.6	0.775	1.6	0.3	0.349	0.591	**	**	**	**
81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	11.5	11.675	14.	9.7	3.663	1.914	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: DESO0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
85822	MOISTURE CONTENT, TISSUE, % OF TOTAL WET WEIGHT, %	04/26/90-10/29/90	4	79.65	80.125	82.7	78.5	3.376	1.837	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DESO0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00				2	0	0.00						

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

Station Inventory for Station: DESO0038

NPS Station ID: DESO0038 LAT/LON: 27.488615/ -82.650004 Agency: 21FLMML Date Created: 04/11/98
Location: PALMA SOLA BAY - CHNL 50M W OF PVTMARK #1-2 FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/SOLIDS STORET Station ID(s): 272919082390000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	2 ##	0.043	0.043	0.06	0.025	0.001	0.025	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	2 ##	0.004	0.004	0.006	0.003	0.	0.002	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	2	1.41	1.41	1.55	1.27	0.039	0.198	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	2	1.1	1.1	1.4	0.8	0.18	0.424	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	2	1.75	1.75	2.2	1.3	0.405	0.636	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	2	1072.5	1072.5	1210.	935.	37812.5	194.454	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	1	76.1	76.1	76.1	76.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DESO0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	2	0.004	0.004	0.004	0.003	0.	0.001	**	**	**	**
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	1	73.9	73.9	73.9	73.9	0.	0.	**	**	**	**
80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

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

Station Inventory for Station: DESO0039

NPS Station ID: DESO0039
LAT/LON: 27.527337/ -82.651670
Agency: 21FLA
Date Created: 10/04/97
Location: Emerson Point at ICWW 7
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 48030SEAS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	141	0.5	2.291	16.	0.5	18.126	4.257	0.5	0.5	0.5	12.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	138	25.15	24.609	33.2	13.	26.008	5.1	17.7	19.6	29.4	30.52
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	114	10.	10.868	25.	0.	33.301	5.771	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	129	6.4	6.726	12.1	1.2	1.992	1.412	5.1	5.9	7.65	8.3
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	112	8.2	8.095	8.5	7.	0.061	0.247	7.73	7.925	8.3	8.37
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	112	8.2	8.002	8.5	7.	0.07	0.264	7.73	7.925	8.3	8.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	112	0.006	0.01	0.1	0.003	0.	0.01	0.004	0.005	0.012	0.019
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	118	2.	13.661	350.	1.	1866.636	43.205	1.	1.	7.	24.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	118	0.301	0.466	2.544	0.	0.381	0.617	0.	0.	0.845	1.377
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.925								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	133	29.6	29.35	35.1	16.8	13.371	3.657	24.76	27.9	31.75	33.96
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	140	2.	5.471	16.	1.	23.186	4.815	2.	2.	9.	13.9
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	118	12.	17.176	220.	0.4	658.023	25.652	0.9	6.2	20.	30.2

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

EPA Water Quality Criteria Analysis for Station: DESO0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	129	1	0.01	29	0	0.00	64	0	0.00	36	1	0.03			
00403	PH, LAB	Marine Chronic	8.5	112	1	0.01	23	1	0.04	59	0	0.00	30	0	0.00			
		Other-Lo Lim.	6.5	112	0	0.00	23	0	0.00	59	0	0.00	30	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	118	6	0.05	25	2	0.08	62	4	0.06	31	0	0.00			

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

Annual Analysis for 1990 - Station DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	10	0.5	2.	8.	0.5	10.	3.162	0.5	0.5	2.375	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	9	28.5	26.556	30.8	16.4	23.213	4.818	16.4	23.95	29.75	30.8
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	8	9.	10.625	20.	2.	48.554	6.968	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	9	6.8	6.644	8.6	4.7	1.938	1.392	4.7	5.35	7.85	8.6
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	8	8.3	8.288	8.4	8.2	0.007	0.083	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	8	8.3	8.281	8.4	8.2	0.007	0.084	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	8	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	8	1.	2.25	8.	1.	6.5	2.55	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	8	0.	0.188	0.903	0.	0.128	0.358	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.542								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	9	28.6	28.867	31.4	25.	4.487	2.118	25.	27.65	31.05	31.4
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	10	8.	6.3	8.	1.	8.011	2.83	1.1	3.5	8.	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	8	20.5	19.125	36.	8.	75.839	8.709	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	20	0.5	4.65	15.	0.5	29.134	5.398	0.5	0.5	9.75	12.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	20	24.95	24.22	30.4	15.7	25.942	5.093	17.41	19.2	29.275	30.39
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	11	10.	8.455	18.	0.	26.273	5.126	1.	5.	10.	17.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	15	6.	6.093	8.	4.4	1.128	1.062	4.64	5.3	6.8	8.
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	12	8.25	8.258	8.4	8.1	0.012	0.108	8.1	8.2	8.375	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	12	8.247	8.246	8.4	8.1	0.012	0.109	8.1	8.2	8.375	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	12	0.006	0.006	0.008	0.004	0.	0.001	0.004	0.004	0.006	0.008
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	12	1.5	10.75	79.	1.	507.477	22.527	1.	1.	10.75	62.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	12	0.151	0.465	1.898	0.	0.423	0.65	0.	0.	0.986	1.737
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.916								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	20	28.7	27.395	30.5	17.1	12.657	3.558	19.64	26.575	29.35	30.34
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	20	10.	9.55	15.	2.	14.471	3.804	2.	8.25	12.	14.7
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	12	13.	13.667	20.	8.	16.606	4.075	8.6	10.	17.5	20.

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

Annual Analysis for 1992 - Station DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	13	0.5	2.654	16.	0.5	28.016	5.293	0.5	0.5	0.5	14.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	12	24.15	24.617	30.8	18.6	25.2	5.02	18.63	19.575	29.85	30.59
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	8	7.5	8.875	20.	1.	38.696	6.221	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	11	6.5	6.882	12.1	1.2	7.024	2.65	2.08	5.9	8.5	11.38
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	11	8.2	8.2	8.4	8.	0.014	0.118	8.02	8.1	8.3	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	11	8.2	8.185	8.4	8.	0.014	0.119	8.02	8.1	8.3	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	11	0.006	0.007	0.01	0.004	0.	0.002	0.004	0.005	0.008	0.01
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	11	2.	14.909	110.	1.	1083.691	32.919	1.	1.	8.	94.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	11	0.301	0.515	2.041	0.	0.491	0.701	0.	0.	0.903	1.937
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.275								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	12	27.9	26.9	32.4	17.7	17.829	4.222	18.24	26.575	29.2	31.65
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	12	7.	8.	16.	1.	31.818	5.641	1.3	2.	13.	16.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	11	20.	37.182	220.	10.	3736.164	61.124	10.	12.	30.	182.8

** - 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 1993 - Station DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	12	0.5	1.625	14.	0.5	15.188	3.897	0.5	0.5	0.5	9.95
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	12	24.35	23.958	33.2	13.	40.704	6.38	13.24	19.725	29.2	32.45
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	11	10.	9.545	20.	5.	17.273	4.156	5.	5.	10.	18.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	11	6.4	6.573	10.2	4.6	2.328	1.526	4.68	5.4	7.5	9.68
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	8	8.25	8.213	8.4	8.	0.018	0.136	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	8	8.247	8.194	8.4	8.	0.019	0.137	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	8	0.006	0.006	0.01	0.004	0.	0.002	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	11	1.	17.364	130.	1.	1488.855	38.586	1.	1.	13.	110.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	11	0.	0.55	2.114	0.	0.554	0.744	0.	0.	1.114	1.995
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.546								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	11	30.1	29.545	32.8	25.8	4.319	2.078	25.96	28.1	30.7	32.56
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	12	2.	4.	14.	2.	21.818	4.671	2.	2.	2.	14.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	11	24.	36.545	100.	14.	800.673	28.296	14.4	16.	60.	94.4

** - 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 1994 - Station DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	15	0.5	2.967	14.	0.5	23.981	4.897	0.5	0.5	3.	14.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	15	26.9	25.867	31.5	16.5	23.96	4.895	17.88	20.1	29.8	31.08
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	11	5.	9.	20.	4.	40.	6.325	4.2	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	14	6.9	7.243	11.5	5.3	2.76	1.661	5.3	5.95	8.225	10.1
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	10	8.25	8.18	8.4	7.6	0.051	0.225	7.65	8.1	8.3	8.39
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	10	8.247	8.11	8.4	7.6	0.056	0.237	7.65	8.1	8.3	8.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	10	0.006	0.008	0.025	0.004	0.	0.006	0.004	0.005	0.008	0.023
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	11	8.	16.091	110.	1.	999.091	31.608	1.	1.	13.	91.4
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	11	0.903	0.748	2.041	0.	0.405	0.637	0.	0.	1.114	1.879
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.604								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	15	29.7	28.927	31.8	24.6	4.699	2.168	25.02	27.2	30.6	31.44
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	15	3.	6.133	14.	2.	28.124	5.303	2.	2.	14.	14.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	11	20.	18.909	32.	10.	49.891	7.063	10.4	12.	22.	31.2

** - 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 1995 - Station DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	17	0.5	2.882	15.	0.5	28.517	5.34	0.5	0.5	0.5	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	16	28.3	26.088	31.4	14.7	31.884	5.647	15.96	22.7	30.65	31.33
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	10.	10.714	20.	5.	30.22	5.497	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	17	6.4	6.541	10.3	4.7	1.503	1.226	4.78	6.1	6.9	8.3
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	8.2	8.143	8.5	7.4	0.063	0.25	7.7	8.1	8.225	8.45
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	8.2	8.048	8.5	7.4	0.072	0.269	7.7	8.1	8.225	8.45
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.006	0.009	0.04	0.003	0.	0.009	0.004	0.006	0.008	0.025
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	5.	9.286	49.	1.	173.143	13.158	1.	1.	10.25	36.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.699	0.638	1.69	0.	0.31	0.557	0.	0.	0.985	1.526
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.346								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	12	29.95	29.175	32.8	16.8	20.182	4.492	19.65	27.7	32.575	32.74
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	17	2.	6.235	15.	2.	35.691	5.974	2.	2.	13.5	15.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	11.	19.393	120.	0.9	867.939	29.461	3.75	9.5	16.5	72.

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

Annual Analysis for 1996 - Station DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	17	0.5	2.588	13.	0.5	21.664	4.654	0.5	0.5	0.5	12.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	17	24.4	23.671	30.	15.7	29.301	5.413	15.78	18.1	29.35	29.68
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	11.	12.643	25.	5.	44.709	6.686	5.	5.	20.	22.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	15	6.	6.46	8.4	4.9	1.531	1.237	4.96	5.4	7.6	8.34
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	8.2	8.164	8.4	7.9	0.026	0.16	7.95	8.	8.3	8.35
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	8.2	8.137	8.4	7.9	0.026	0.162	7.95	8.	8.3	8.35
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.006	0.007	0.013	0.004	0.	0.003	0.004	0.005	0.01	0.011
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	1.	1.857	7.	1.	2.901	1.703	1.	1.	2.	5.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.	0.168	0.845	0.	0.073	0.271	0.	0.	0.301	0.724
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.472								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	17	32.9	32.388	35.1	29.2	2.979	1.726	29.92	30.95	33.95	34.62
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	17	2.	5.647	13.	2.	25.993	5.098	2.	2.	12.	13.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	12.	15.636	60.	4.5	204.775	14.31	4.75	8.15	16.5	45.

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

Annual Analysis for 1997 - Station DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	23	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	23	25.1	25.039	30.9	18.6	16.548	4.068	19.36	21.4	28.9	30.5
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	23	12.	12.217	20.	5.	19.269	4.39	5.	10.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	23	6.4	6.748	8.5	4.8	0.964	0.982	5.56	6.1	7.6	8.1
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	21	7.9	7.948	8.2	7.	0.067	0.258	7.8	7.9	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	21	7.9	7.827	8.2	7.	0.082	0.286	7.8	7.9	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	21	0.013	0.015	0.1	0.006	0.	0.02	0.006	0.008	0.013	0.016
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	23	2.	21.87	350.	1.	5303.3	72.824	1.	1.	5.	49.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	23	0.301	0.478	2.544	0.	0.486	0.697	0.	0.	0.699	1.69
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.003								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	23	33.6	32.009	35.1	22.1	10.329	3.214	27.24	30.1	34.2	34.68
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	23	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	23	1.4	5.483	38.	0.4	78.108	8.838	0.44	0.8	7.	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 1998 - Station DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	14	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	14	20.25	21.864	31.7	16.7	22.102	4.701	17.2	18.15	24.9	30.65
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	11.5	12.714	25.	5.	48.527	6.966	5.	5.	16.25	25.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	14	7.5	7.414	8.7	6.2	0.697	0.835	6.25	6.475	8.1	8.5
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	7.7	7.736	7.9	7.6	0.01	0.101	7.6	7.675	7.8	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	7.7	7.725	7.9	7.6	0.01	0.101	7.6	7.675	7.8	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.02	0.019	0.025	0.013	0.	0.004	0.013	0.016	0.021	0.025
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	2.	19.571	240.	1.	4035.187	63.523	1.	1.	2.75	126.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.301	0.407	2.38	0.	0.425	0.652	0.	0.	0.401	1.747
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.553								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	14	28.3	26.943	30.6	20.6	10.15	3.186	22.	24.05	29.65	30.55
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	14	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	1.6	5.307	25.	0.5	60.341	7.768	0.5	0.825	6.6	22.

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

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	31	0.5	2.661	16.	0.5	22.423	4.735	0.5	0.5	0.5	13.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	31	29.8	29.371	31.4	25.6	2.086	1.444	26.94	28.7	30.4	30.8
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	25	10.	10.16	20.	0.	25.64	5.064	5.	5.	15.	17.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	29	6.	6.472	12.1	4.7	2.763	1.662	4.8	5.5	7.25	8.1
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	23	8.3	8.257	8.5	7.8	0.034	0.185	7.9	8.2	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	23	8.3	8.212	8.5	7.8	0.036	0.191	7.9	8.2	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	23	0.005	0.006	0.016	0.003	0.	0.003	0.004	0.004	0.006	0.013
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	25	2.	12.4	110.	1.	600.25	24.5	1.	1.	8.	49.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	25	0.301	0.554	2.041	0.	0.421	0.649	0.	0.	0.903	1.69
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.582								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	28	28.7	28.918	35.1	16.8	17.545	4.189	23.45	27.4	32.575	34.5
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	31	2.	6.129	16.	2.	26.783	5.175	2.	2.	9.	15.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	25	16.	19.764	120.	0.4	615.624	24.812	0.58	4.7	21.5	45.6

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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	72	0.5	1.931	15.	0.5	14.298	3.781	0.5	0.5	0.5	11.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	69	19.6	20.194	26.7	13.	9.51	3.084	16.4	18.3	22.3	24.4
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	59	10.	12.932	25.	5.	35.375	5.948	5.	10.	20.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	64	7.3	7.3	11.5	4.4	1.367	1.169	6.	6.425	8.075	8.55
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	59	8.1	8.046	8.4	7.6	0.038	0.196	7.7	7.9	8.2	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	59	8.1	7.999	8.4	7.6	0.041	0.202	7.7	7.9	8.2	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	59	0.008	0.01	0.025	0.004	0.	0.005	0.006	0.006	0.013	0.02
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	62	2.	10.048	240.	1.	1043.162	32.298	1.	1.	5.	15.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	62	0.301	0.441	2.38	0.	0.307	0.554	0.	0.	0.699	1.195
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.761								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	69	29.4	29.267	35.1	17.1	10.875	3.298	25.	27.1	31.5	33.1
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	71	2.	4.803	15.	1.	19.903	4.461	2.	2.	9.	12.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	62	12.	18.44	220.	0.5	961.841	31.014	1.13	6.15	18.25	31.4

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	38	0.5	2.671	15.	0.5	22.45	4.738	0.5	0.5	0.5	13.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	38	28.95	28.742	33.2	24.	4.239	2.059	25.1	27.375	30.35	31.32
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	30	5.	7.4	18.	1.	16.248	4.031	4.1	5.	10.	14.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	36	6.1	5.911	8.1	1.2	1.276	1.13	4.84	5.325	6.4	7.26
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	30	8.15	8.067	8.4	7.	0.105	0.324	7.6	7.9	8.3	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	30	8.147	7.896	8.4	7.	0.135	0.368	7.6	7.9	8.3	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	30	0.007	0.013	0.1	0.004	0.	0.018	0.005	0.005	0.013	0.025
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	31	1.	21.903	350.	1.	4580.09	67.676	1.	1.	8.	91.4
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	31	0.	0.445	2.544	0.	0.516	0.718	0.	0.	0.903	1.879
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.786								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	36	30.5	29.844	34.8	17.7	15.352	3.918	24.89	28.9	31.775	34.03
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	38	2.	6.184	15.	1.	25.992	5.098	2.	2.	12.	14.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	31	10.	12.561	34.	0.5	87.157	9.336	0.66	5.	20.	28.

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

Station Inventory for Station: DESO0040

NPS Station ID: DESO0040
LAT/LON: 27.521004/ -82.651838
Agency: 21FLA
Date Created: 10/04/97
Location: Marina west of Shaw Point on Manatee River
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 48220SEAS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	187	0.5	3.11	8.	0.5	8.761	2.96	0.5	0.5	6.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	185	25.3	24.648	33.4	13.7	25.782	5.078	17.9	19.7	29.35	30.5
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	99	10.	10.828	25.	0.	31.776	5.637	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	169	6.2	6.264	10.1	0.5	1.639	1.28	4.8	5.4	7.1	7.9
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	98	8.2	8.117	8.5	7.5	0.043	0.207	7.88	8.	8.3	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	98	8.2	8.062	8.5	7.5	0.046	0.214	7.88	8.	8.3	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	98	0.006	0.009	0.032	0.003	0.	0.005	0.005	0.005	0.01	0.013
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	103	2.	22.126	540.	1.	5176.837	71.95	1.	1.	11.	33.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	103	0.301	0.576	2.732	0.	0.476	0.69	0.	0.	1.041	1.519
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.766								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	173	30.1	29.913	35.3	13.2	10.974	3.313	25.9	27.9	32.2	34.3
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	187	6.	6.289	8.	2.	1.056	1.028	5.	6.	7.	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	103	12.	20.998	230.	0.3	1027.667	32.057	1.04	7.4	24.	38.8

** - 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

EPA Water Quality Criteria Analysis for Station: DESO0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	169	8	0.05	39	3	0.08	84	0	0.00	46	5	0.11			
00403	PH, LAB	Marine Chronic	8.5	98	3	0.03	21	1	0.05	50	1	0.02	27	1	0.04			
		Other-Lo Lim.	6.5	98	0	0.00	21	0	0.00	50	0	0.00	27	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	103	5	0.05	23	1	0.04	52	4	0.08	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

Annual Analysis for 1990 - Station DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	13	0.5	3.231	8.	0.5	13.192	3.632	0.5	0.5	8.	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	12	27.7	25.658	30.8	15.5	27.743	5.267	15.56	22.775	28.5	30.8
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	8	9.	10.625	20.	2.	48.554	6.968	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	12	5.85	5.917	8.3	3.8	2.382	1.543	3.86	4.75	7.025	8.3
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	8	8.2	8.225	8.3	8.1	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	8	8.2	8.22	8.3	8.1	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	8	0.006	0.006	0.008	0.005	0.	0.001	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	8	2.	5.	17.	1.	30.857	5.555	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	8	0.301	0.485	1.23	0.	0.205	0.452	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.056								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	12	27.9	28.358	31.3	24.	4.326	2.08	24.75	27.35	30.125	31.3
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	13	8.	7.692	8.	6.	0.564	0.751	6.	8.	8.	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	8	26.	22.625	37.	10.	112.268	10.596	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	22	0.5	3.136	7.	0.5	8.933	2.989	0.5	0.5	6.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	22	25.3	24.459	30.5	17.	25.817	5.081	17.65	19.325	30.225	30.4
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	11	10.	8.455	18.	0.	26.273	5.126	1.	5.	10.	17.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	16	5.65	6.019	8.4	4.4	1.411	1.188	4.54	5.2	7.05	7.98
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	12	8.2	8.2	8.4	7.9	0.018	0.135	7.96	8.1	8.3	8.37
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	12	8.2	8.179	8.4	7.9	0.019	0.137	7.96	8.1	8.3	8.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	12	0.006	0.007	0.013	0.004	0.	0.002	0.004	0.005	0.008	0.011
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	12	3.5	36.25	350.	1.	9944.386	99.722	1.	1.	11.	259.7
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	12	0.5	0.671	2.544	0.	0.62	0.787	0.	0.	1.01	2.288
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.684								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	22	28.3	27.918	29.7	24.1	1.983	1.408	25.66	27.15	28.925	29.4
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	22	6.	6.227	7.	5.	0.47	0.685	5.	6.	7.	7.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	12	14.	15.25	26.	10.	19.841	4.454	10.6	12.	18.25	24.2

** - 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 DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	16	0.5	2.219	8.	0.5	7.599	2.757	0.5	0.5	4.75	7.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	16	22.2	24.4	31.9	18.1	26.304	5.129	18.52	19.875	30.075	31.41
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	8	7.5	8.875	20.	1.	38.696	6.221	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	13	6.5	6.285	8.3	4.	1.785	1.336	4.12	5.1	7.25	8.18
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	11	8.2	8.209	8.5	8.	0.021	0.145	8.	8.1	8.3	8.46
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	11	8.2	8.188	8.5	8.	0.021	0.146	8.	8.1	8.3	8.46
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	11	0.006	0.006	0.01	0.003	0.	0.002	0.004	0.005	0.008	0.01
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	11	2.	9.636	49.	1.	245.455	15.667	1.	1.	23.	43.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	11	0.301	0.483	1.69	0.	0.427	0.653	0.	0.	1.362	1.625
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.043								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	14	26.95	26.929	30.1	22.	4.69	2.166	22.7	26.425	28.6	29.65
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	16	6.5	6.125	8.	2.	3.05	1.746	3.4	5.	7.75	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	11	23.	28.636	100.	10.	661.255	25.715	10.4	12.	32.	88.4

** - 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 1993 - Station DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	20	0.5	3.025	8.	0.5	8.881	2.98	0.5	0.5	6.	7.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	20	25.15	24.18	33.4	13.7	38.873	6.235	13.82	19.1	29.225	32.99
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	11	10.	9.545	20.	5.	17.273	4.156	5.	5.	10.	18.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	18	6.15	6.089	10.1	3.	2.273	1.508	4.53	4.8	6.8	7.67
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	8	8.2	8.238	8.5	8.	0.031	0.177	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	8	8.2	8.207	8.5	8.	0.032	0.18	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	8	0.006	0.006	0.01	0.003	0.	0.002	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	11	1.	88.636	540.	1.	29197.855	170.874	1.	1.	170.	480.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	11	0.	0.807	2.732	0.	1.255	1.12	0.	0.	2.23	2.662
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.409								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	18	30.15	29.567	32.9	23.4	4.644	2.155	25.83	28.7	30.525	31.82
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	20	6.	6.	8.	4.	1.579	1.257	4.	5.25	6.	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	11	32.	48.091	230.	12.	3820.291	61.809	12.8	19.	41.	195.6

** - 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 1994 - Station DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	22	2.75	3.386	8.	0.5	9.022	3.004	0.5	0.5	6.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	22	26.45	25.514	31.3	16.4	23.193	4.816	17.58	19.875	29.675	30.86
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	11	5.	9.	20.	4.	40.	6.325	4.2	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	20	7.1	6.915	9.7	4.3	2.08	1.442	4.65	6.	8.075	8.93
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	10	8.2	8.17	8.4	7.6	0.049	0.221	7.65	8.1	8.3	8.39
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	10	8.2	8.103	8.4	7.6	0.054	0.232	7.65	8.1	8.3	8.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	10	0.006	0.008	0.025	0.004	0.	0.006	0.004	0.005	0.008	0.023
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	11	2.	25.273	240.	1.	5085.618	71.314	1.	1.	9.	194.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	11	0.301	0.562	2.38	0.	0.527	0.726	0.	0.	0.954	2.112
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.648								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	22	30.	29.241	32.	24.4	5.08	2.254	24.75	28.775	30.85	31.66
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	22	6.	6.273	8.	5.	0.589	0.767	5.3	6.	7.	7.7
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	11	20.	25.455	48.	10.	177.673	13.329	10.4	14.	34.	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 1995 - Station DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	25	0.5	3.22	7.	0.5	8.668	2.944	0.5	0.5	6.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	24	27.95	25.988	31.6	16.3	27.852	5.277	16.65	22.525	30.5	31.3
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	13	10.	11.154	20.	5.	29.808	5.46	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	25	6.2	6.076	7.9	3.	1.651	1.285	3.46	5.6	6.9	7.68
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	13	8.2	8.115	8.4	7.5	0.05	0.223	7.66	8.05	8.2	8.36
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	13	8.2	8.046	8.4	7.5	0.055	0.234	7.66	8.05	8.2	8.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	13	0.006	0.009	0.032	0.004	0.	0.007	0.004	0.006	0.009	0.024
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	13	5.	14.769	70.	1.	457.192	21.382	1.	1.	20.	61.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	13	0.699	0.745	1.845	0.	0.434	0.659	0.	0.	1.296	1.783
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.558								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	16	31.1	28.85	33.1	13.2	28.559	5.344	18.66	26.475	32.375	32.89
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	25	6.	6.16	7.	4.	0.64	0.8	5.2	6.	7.	7.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	13	12.	25.869	200.	0.9	2764.386	52.577	2.86	7.8	17.	128.

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

Annual Analysis for 1996 - Station DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	21	0.5	2.905	8.	0.5	8.44	2.905	0.5	0.5	6.	6.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	21	24.7	23.476	29.8	15.3	30.022	5.479	16.06	18.05	29.25	29.66
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	12	11.	13.083	25.	5.	46.811	6.842	5.	6.25	20.	23.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	17	6.2	6.006	8.2	0.5	2.907	1.705	3.62	5.6	7.2	7.8
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	12	8.15	8.167	8.5	8.	0.026	0.161	8.	8.	8.3	8.44
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	12	8.147	8.141	8.5	8.	0.027	0.164	8.	8.	8.3	8.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	12	0.007	0.007	0.01	0.003	0.	0.002	0.004	0.005	0.01	0.01
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	12	1.5	7.167	23.	1.	73.242	8.558	1.	1.	12.5	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	12	0.151	0.507	1.362	0.	0.351	0.592	0.	0.	1.096	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.213								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	21	33.2	32.833	35.1	29.8	2.435	1.561	30.16	31.6	34.1	34.62
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	21	6.	5.952	8.	2.	1.548	1.244	5.	5.5	6.5	7.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	12	10.5	20.225	92.	5.3	580.211	24.088	5.45	8.6	22.75	74.6

** - 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 1997 - Station DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	36	0.5	3.347	7.	0.5	9.44	3.073	0.5	0.5	6.75	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	36	24.85	24.783	31.	18.2	18.593	4.312	18.98	20.9	29.025	30.49
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	19	12.	12.737	20.	5.	20.094	4.483	5.	10.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	36	6.2	6.358	8.2	4.8	0.689	0.83	5.4	5.8	6.975	7.69
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	18	8.	7.956	8.2	7.7	0.03	0.172	7.7	7.85	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	18	8.	7.923	8.2	7.7	0.031	0.176	7.7	7.85	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	18	0.01	0.012	0.02	0.006	0.	0.005	0.006	0.008	0.014	0.02
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	19	1.	6.895	33.	1.	105.766	10.284	1.	1.	8.	33.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	19	0.	0.447	1.519	0.	0.326	0.571	0.	0.	0.903	1.519
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.797								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	36	34.1	32.911	35.3	27.9	4.896	2.213	28.84	31.8	34.5	34.96
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	36	6.5	6.5	7.	6.	0.257	0.507	6.	6.	7.	7.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	19	1.6	4.511	24.	0.5	32.28	5.682	0.5	0.7	7.2	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 1998 - Station DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	12	2.75	3.167	6.	0.5	7.833	2.799	0.5	0.5	6.	6.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	12	21.35	22.475	29.2	17.9	20.044	4.477	17.93	18.275	27.	29.05
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	6	12.5	12.5	20.	5.	27.5	5.244	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	12	6.55	6.567	7.6	5.8	0.295	0.543	5.83	6.125	6.875	7.51
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	6	7.8	7.783	7.9	7.6	0.018	0.133	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	6	7.789	7.766	7.9	7.6	0.018	0.134	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	6	0.016	0.017	0.025	0.013	0.	0.005	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	6	3.	6.	23.	1.	73.2	8.556	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	6	0.349	0.46	1.362	0.	0.312	0.559	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.884								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	12	27.8	27.667	31.	23.9	6.241	2.498	23.93	25.375	30.1	30.91
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	12	6.	5.833	6.	5.	0.152	0.389	5.	6.	6.	6.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	6	0.9	1.683	5.5	0.3	3.742	1.934	**	**	**	**

** - Less than 9 observations ## - Computed 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: 8/01 to 10/19 - Station DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	43	0.5	3.36	8.	0.5	9.932	3.152	0.5	0.5	6.	7.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	43	29.5	29.228	31.6	25.	2.72	1.649	26.7	28.4	30.5	30.92
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	23	10.	9.87	20.	0.	26.664	5.164	5.	5.	15.	18.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	39	6.	5.856	8.2	3.	1.28	1.131	4.6	5.1	6.6	7.5
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	21	8.3	8.219	8.5	7.7	0.039	0.197	7.9	8.15	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	21	8.3	8.169	8.5	7.7	0.041	0.203	7.9	8.15	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	21	0.005	0.007	0.02	0.003	0.	0.004	0.004	0.005	0.007	0.013
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	23	8.	23.304	240.	1.	2574.494	50.739	1.	1.	23.	61.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	23	0.903	0.794	2.38	0.	0.499	0.707	0.	0.	1.362	1.783
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.218								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	37	29.6	29.227	35.1	13.2	20.023	4.475	24.32	27.2	33.	34.44
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	43	6.	6.674	8.	6.	0.653	0.808	6.	6.	7.	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	23	18.	26.217	200.	0.5	1618.512	40.231	0.86	7.4	32.	43.6

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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	93	0.5	3.032	8.	0.5	8.651	2.941	0.5	0.5	6.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	91	19.6	20.17	26.6	13.7	9.183	3.03	16.4	18.2	22.4	24.4
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	49	10.	13.163	25.	5.	30.931	5.562	5.	10.	20.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	84	6.8	6.9	10.1	4.8	0.92	0.959	5.7	6.25	7.4	8.25
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	50	8.1	8.082	8.5	7.6	0.029	0.171	7.9	8.	8.2	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	50	8.1	8.045	8.5	7.6	0.031	0.175	7.9	8.	8.2	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	50	0.008	0.009	0.025	0.003	0.	0.004	0.006	0.006	0.01	0.013
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	52	1.	22.269	540.	1.	7702.632	87.765	1.	1.	8.	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	52	0.	0.476	2.732	0.	0.438	0.662	0.	0.	0.903	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.995								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	90	29.95	29.9	35.3	23.4	8.639	2.939	25.91	27.775	32.1	34.2
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	93	6.	6.226	8.	2.	1.264	1.124	5.	6.	7.	8.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	52	12.	21.679	230.	0.3	1248.775	35.338	1.22	7.45	22.25	45.6

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/09/98	51	0.5	3.039	8.	0.5	8.258	2.874	0.5	0.5	6.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/09/98	51	29.	28.776	33.4	24.8	4.148	2.037	26.22	27.2	30.2	31.2
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/09/98	27	5.	7.407	18.	1.	16.866	4.107	3.6	5.	10.	15.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/09/98	46	5.75	5.448	8.2	0.5	1.759	1.326	3.91	4.775	6.2	6.83
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/09/98	27	8.2	8.104	8.5	7.5	0.064	0.253	7.68	8.	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/09/98	27	8.2	8.022	8.5	7.5	0.071	0.267	7.68	8.	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/09/98	27	0.006	0.009	0.032	0.003	0.	0.007	0.004	0.005	0.01	0.021
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/09/98	28	2.	20.893	240.	1.	2906.988	53.916	1.	1.	14.75	61.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/09/98	28	0.301	0.582	2.38	0.	0.503	0.709	0.	0.	1.149	1.744
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.818								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/09/98	46	30.2	30.489	35.1	22.	8.116	2.849	27.69	29.	33.6	34.13
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/09/98	51	6.	6.078	8.	2.	0.874	0.935	5.	6.	7.	7.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/09/98	28	12.	15.446	42.	0.5	148.654	12.192	0.78	5.975	25.5	34.7

** - 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: DESO0041

NPS Station ID: DESO0041
LAT/LON: 27.496059/ -82.652505
Agency: 21FLA
Date Created: / /
Location: WN-12 PALMA SOLA BAY BR
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 24010322
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100201
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: TAMPA BAY AREA
ECO Region:
RF1 Index: 03100201009
RF1 Mile Point: 28.330
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03100201093200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.10
On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER: BAY, PALMA SOLA PALMA SOLA BAY BRIDGE ON SR 64 W-
SAMPLE PICKED ON NORTH SIDE OF BRIDGE

Parameter Inventory for Station: DESO0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/12/66-12/02/87	104	0.	0.072	5.	0.	0.259	0.509	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/67-12/02/87	94	22.75	22.945	33.	13.	27.805	5.273	15.25	19.	28.	29.25
00035	WIND VELOCITY (MILES PER HOUR)	03/01/73-12/02/87	50	5.	6.93	25.	0.	34.755	5.895	0.	3.75	10.	15.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/67-12/02/87	100	3.9	4.765	20.	1.	9.491	3.081	2.22	2.925	5.575	7.77
00080p	COLOR (PLATINUM-COBALT UNITS)	06/08/72-12/02/87	55	15.	16.818	40.	2.	69.189	8.318	5.	10.	20.	27.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	54	39000.	39946.852	52100.	26400.	46522086.129	6820.71	31900.	33375.	45925.	49885.
00300p	OXYGEN, DISSOLVED MG/L	01/27/67-12/02/87	101	7.2	6.993	10.7	2.1	2.698	1.643	4.82	5.85	8.2	9.
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/67-12/02/87	100	3.	2.773	6.2	0.9	1.122	1.059	2.	2.	3.1	4.
00400p	PH (STANDARD UNITS)	01/27/67-06/10/87	96	8.37	8.309	8.7	7.5	0.057	0.239	8.	8.2	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/27/67-06/10/87	96	8.369	8.229	8.7	7.5	0.064	0.252	8.	8.2	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/67-06/10/87	96	0.004	0.006	0.032	0.002	0.	0.005	0.003	0.003	0.006	0.01
00403	PH, LAB, STANDARD UNITS SU	09/06/72-12/02/87	4	8.15	8.225	8.5	8.1	0.036	0.189	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/72-12/02/87	4	8.147	8.198	8.5	8.1	0.037	0.192	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/72-12/02/87	4	0.007	0.006	0.008	0.003	0.	0.002	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	12/12/66-12/02/87	100	32.5	32.502	38.9	19.	10.67	3.267	29.17	30.8	34.7	36.3
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/05/67-12/02/87	34	0.024	0.051	0.35	0.	0.008	0.088	0.	0.004	0.043	0.204
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/66-12/05/78	41	0.7	0.729	4.22	0.	0.433	0.658	0.192	0.31	0.96	0.996
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/02/67-12/02/87	99	6009.	5947.	8900.	1989.	993463.653	996.726	4606.	5379.	6600.	6950.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/67-12/02/87	102	17865.	17971.088	23710.	2201.	6848061.784	2616.88	15502.	16740.	19510.	20933.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/27/67-12/02/75	60	2.075	2.16	3.8	0.19	0.63	0.794	0.989	1.745	2.8	3.235
00951p	FLUORIDE, TOTAL (MG/L AS F)	03/03/76-12/02/87	40	0.92	1.033	2.9	0.63	0.189	0.435	0.781	0.853	1.015	1.531
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/01/68-12/02/87	59	0.6	0.716	4.84	0.031	0.836	0.914	0.056	0.09	0.98	1.2
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/06/72-12/05/78	24	0.	0.083	0.4	0.	0.014	0.117	0.	0.	0.2	0.25

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

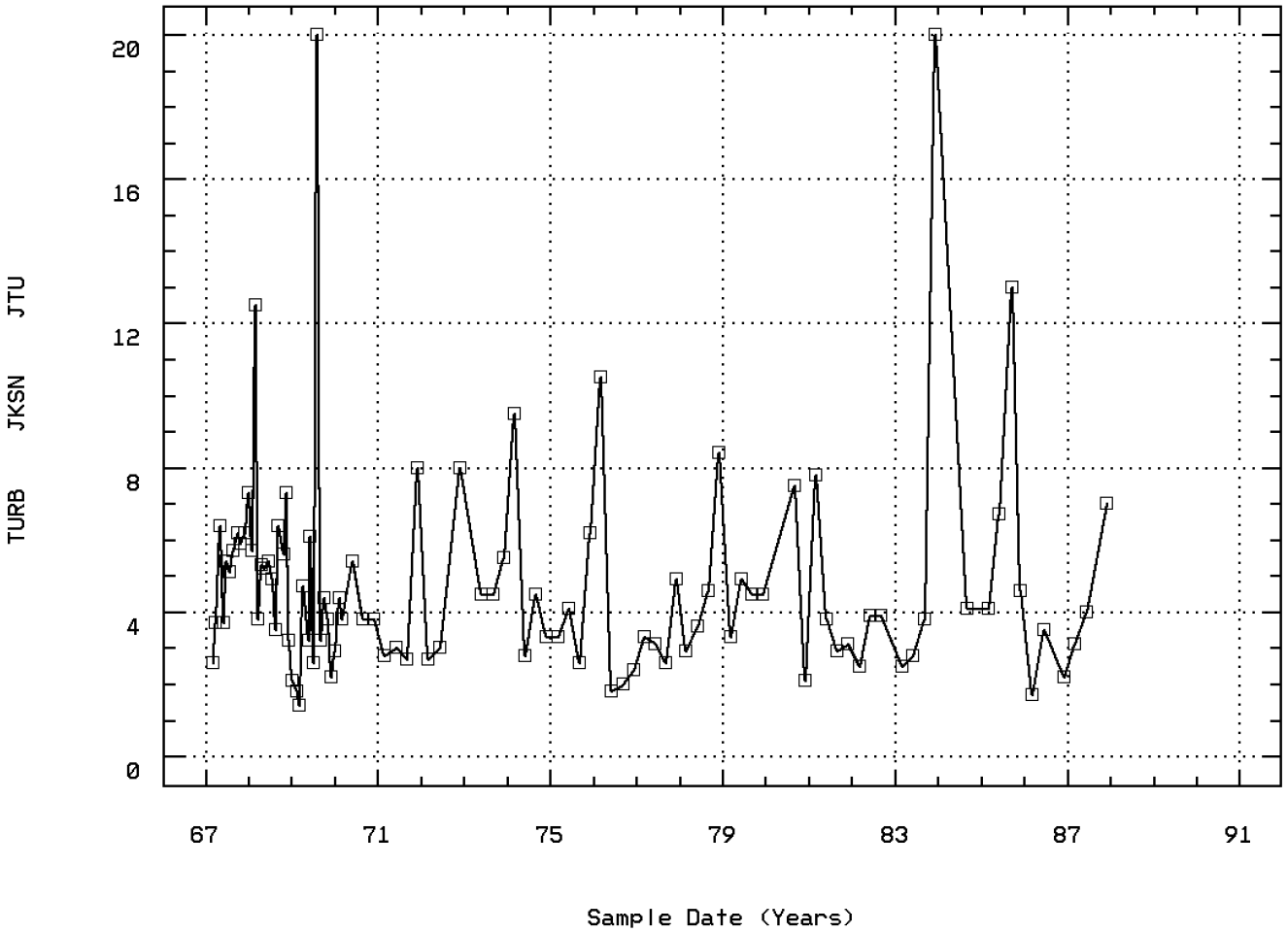
EPA Water Quality Criteria Analysis for Station: DESO0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	100	0	0.00	22	0	0.00	52	0	0.00	26	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	101	4	0.04	22	1	0.05	53	0	0.00	26	3	0.12			
00400	PH	Fresh Chronic	9.	96	0	0.00	22	0	0.00	49	0	0.00	25	0	0.00			
		Other-Lo Lim.	6.5	96	0	0.00	22	0	0.00	49	0	0.00	25	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	34	0	0.00	7	0	0.00	17	0	0.00	10	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	102	102	1.00	23	23	1.00	53	53	1.00	26	26	1.00			
		Drinking Water	250.	102	102	1.00	23	23	1.00	53	53	1.00	26	26	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	60	0	0.00	12	0	0.00	33	0	0.00	15	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	40	0	0.00	10	0	0.00	20	0	0.00	10	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	24	0	0.00	7	0	0.00	12	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: DESO0041 Parameter Code: 00070

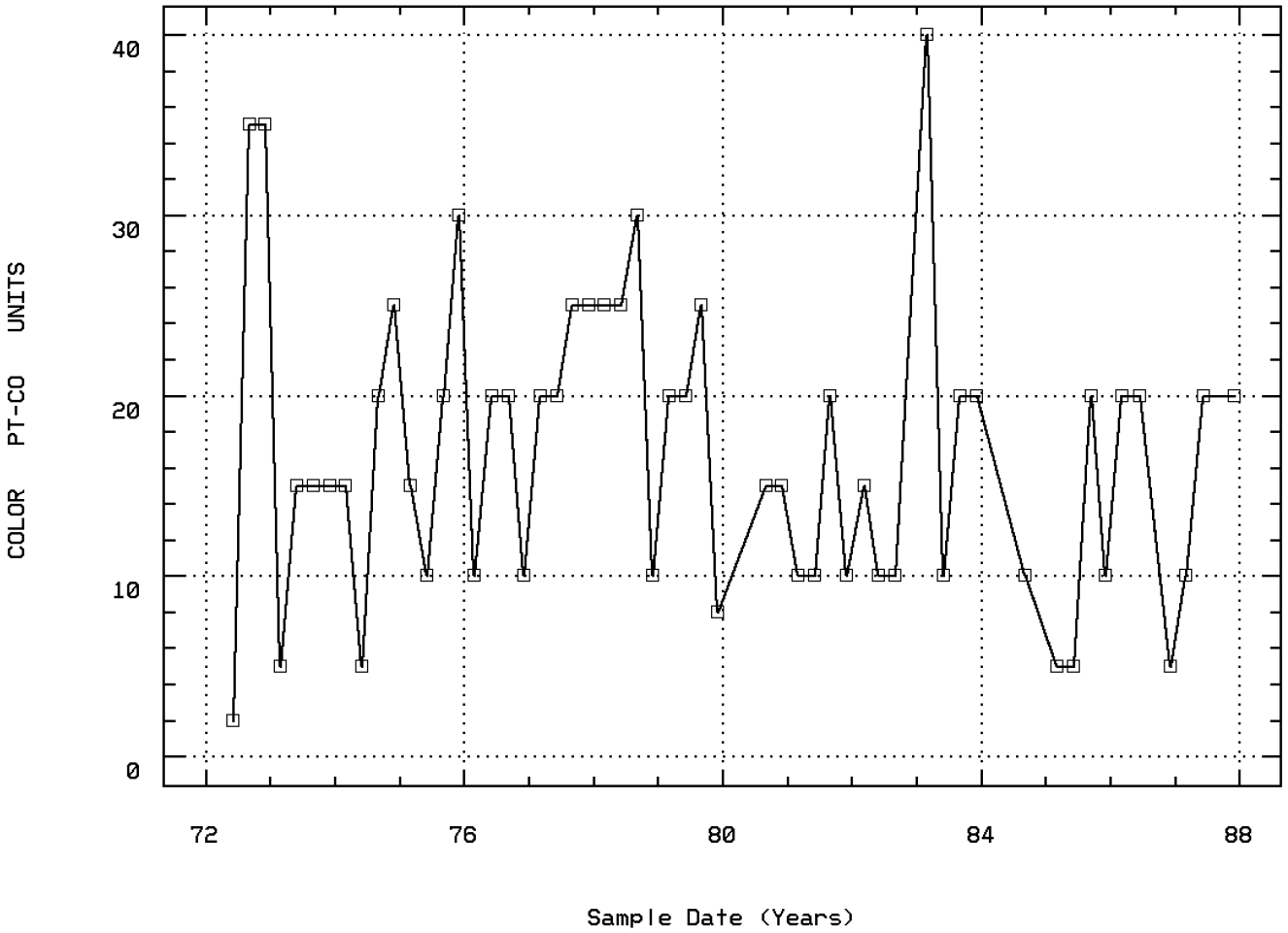
TURBIDITY, (JACKSON CANDLE UNITS)



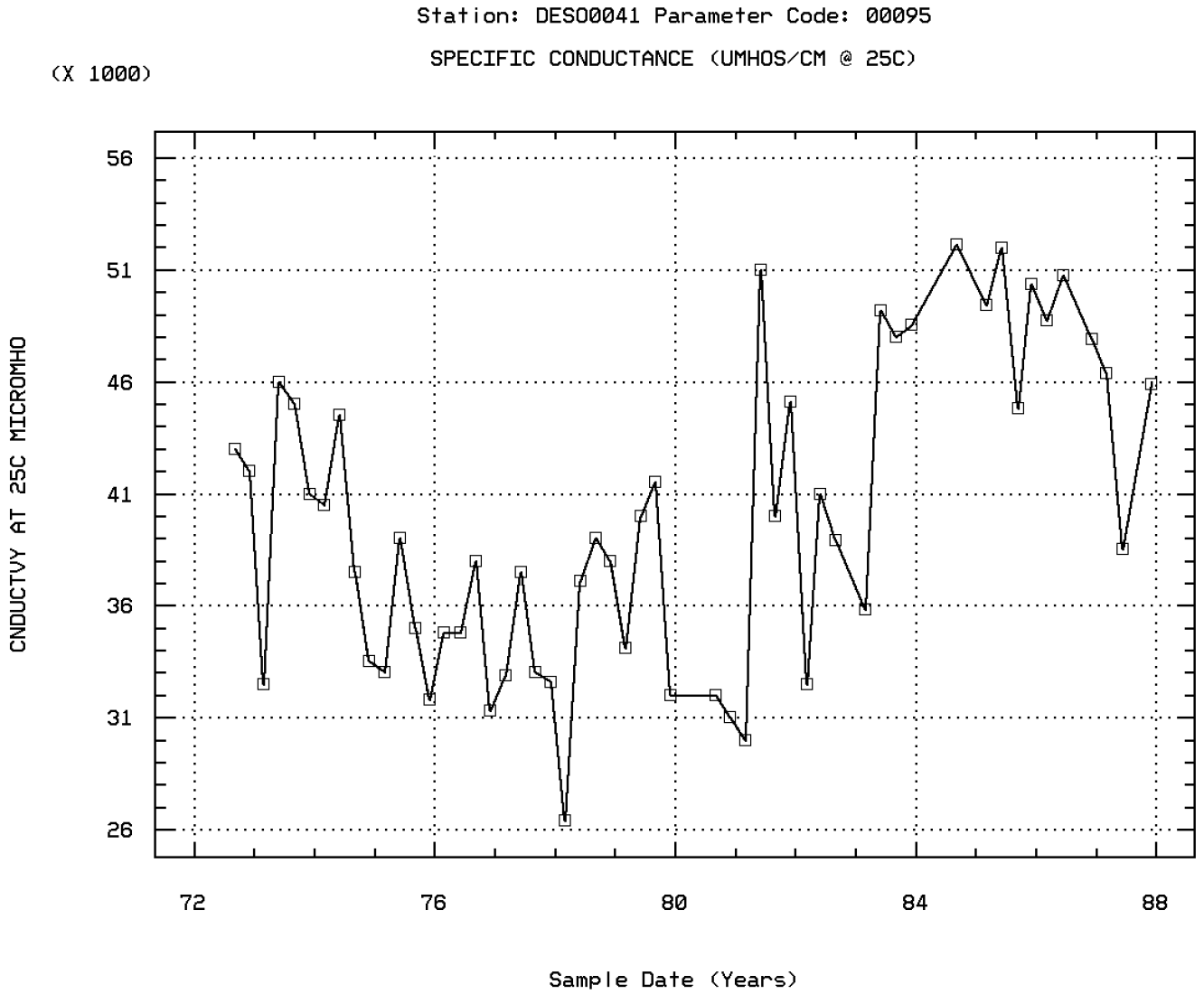
WN-12 PALMA SOLA BAY BR

Station: DESO0041 Parameter Code: 00080

COLOR (PLATINUM-COBALT UNITS)



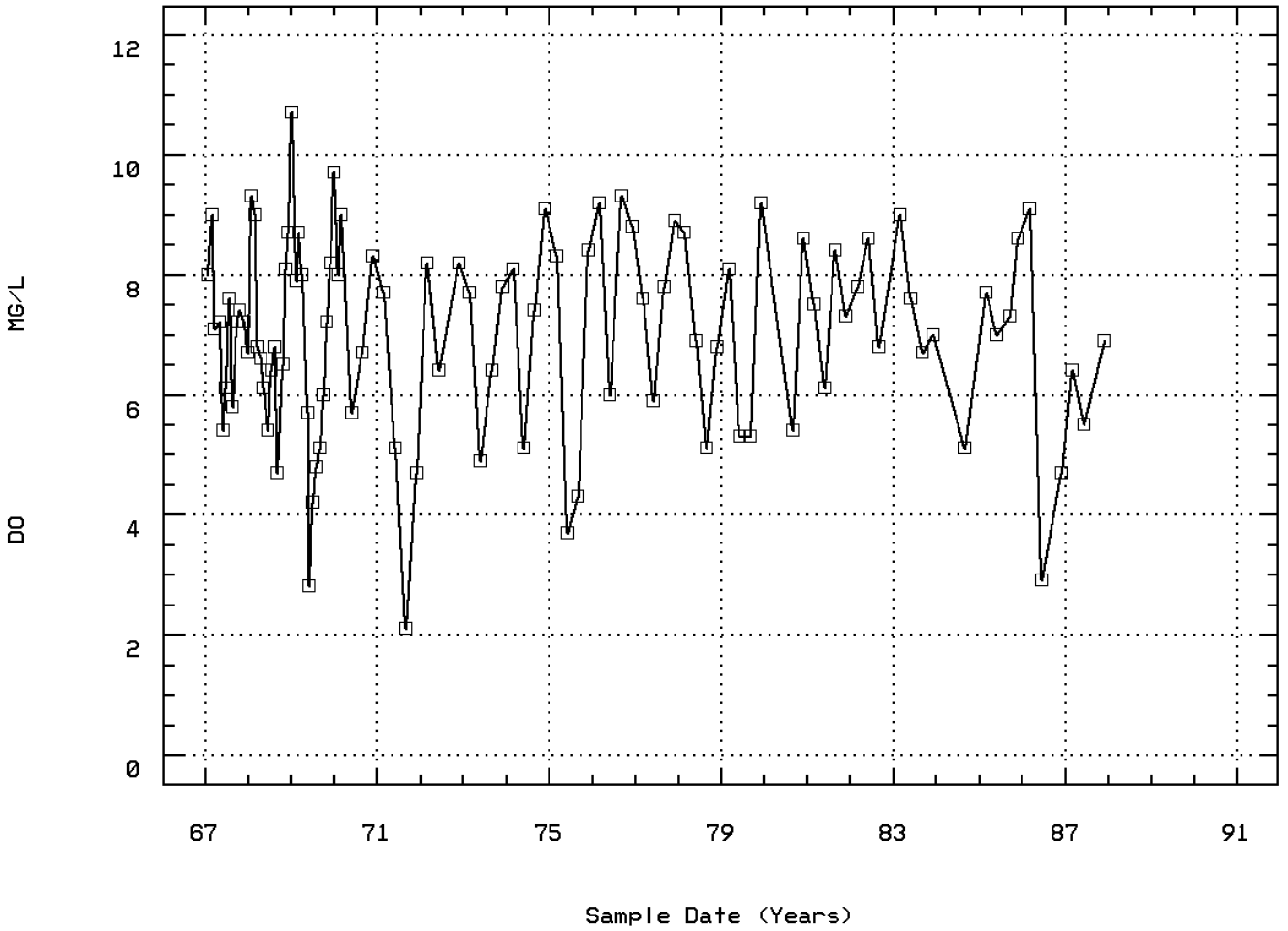
WN-12 PALMA SOLA BAY BR



WN-12 PALMA SOLA BAY BR

Station: DESO0041 Parameter Code: 00300

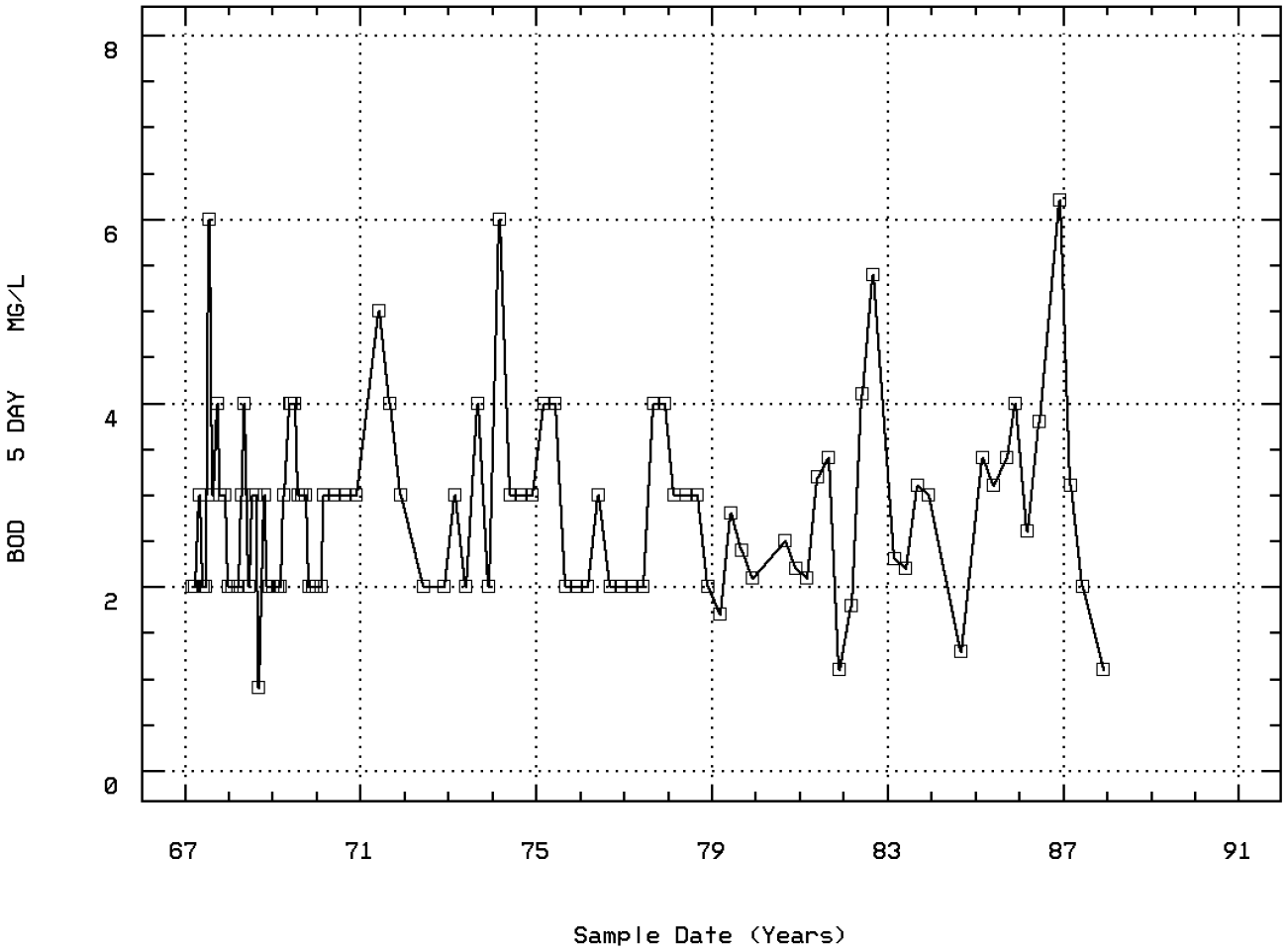
OXYGEN, DISSOLVED



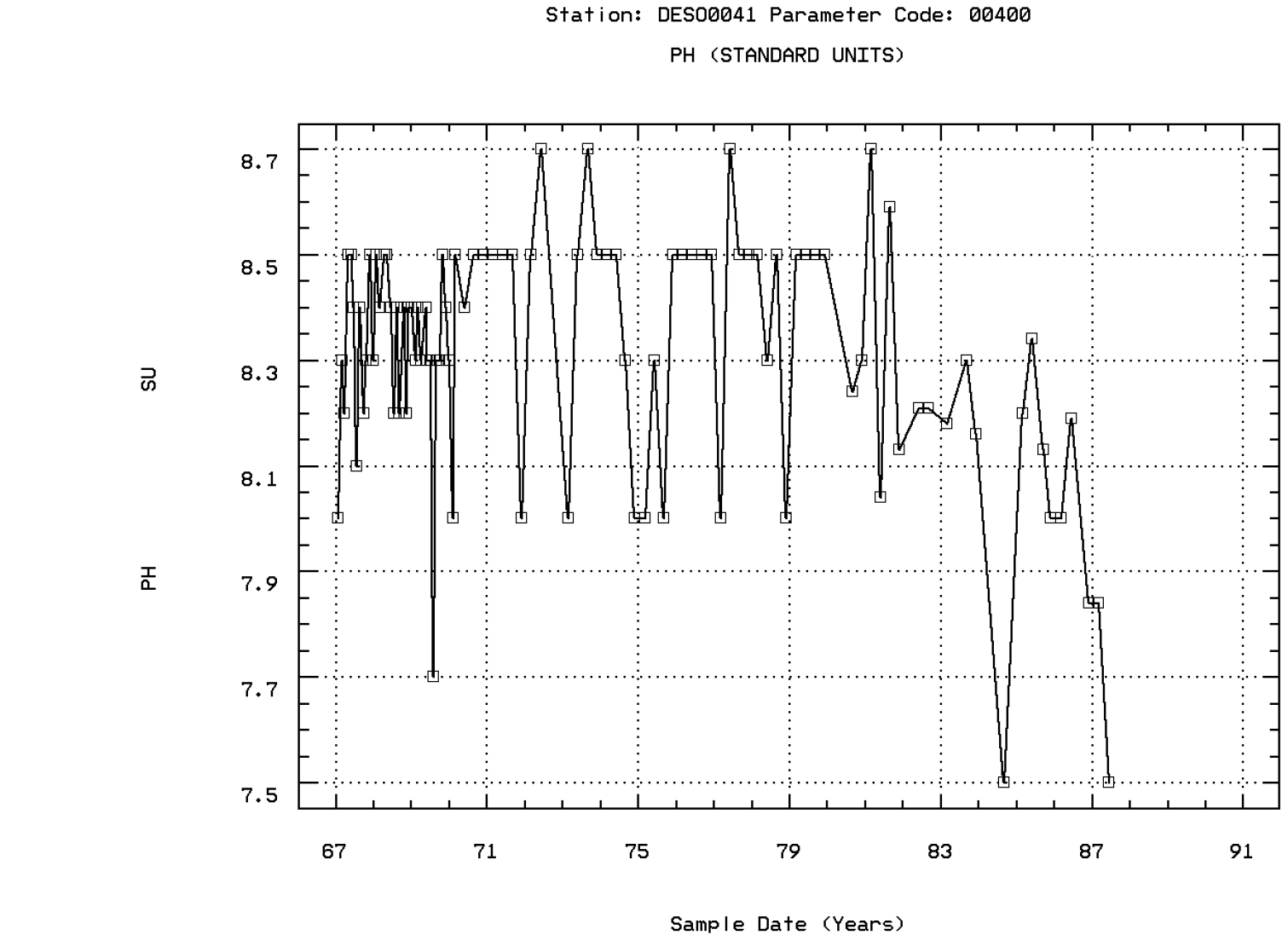
WN-12 PALMA SOLA BAY BR

Station: DES00041 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



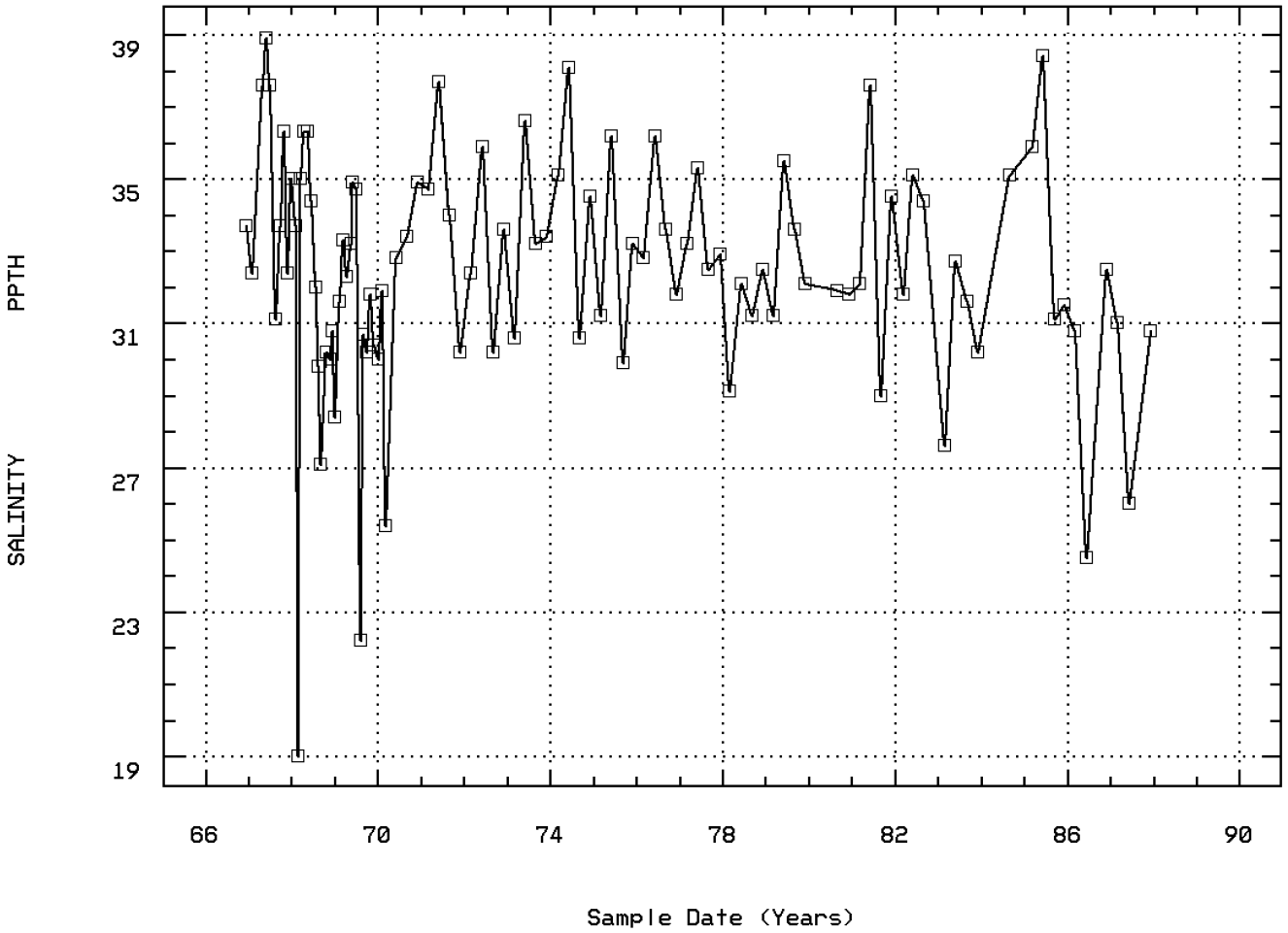
WN-12 PALMA SOLA BAY BR



WN-12 PALMA SOLA BAY BR

Station: DESO0041 Parameter Code: 00480

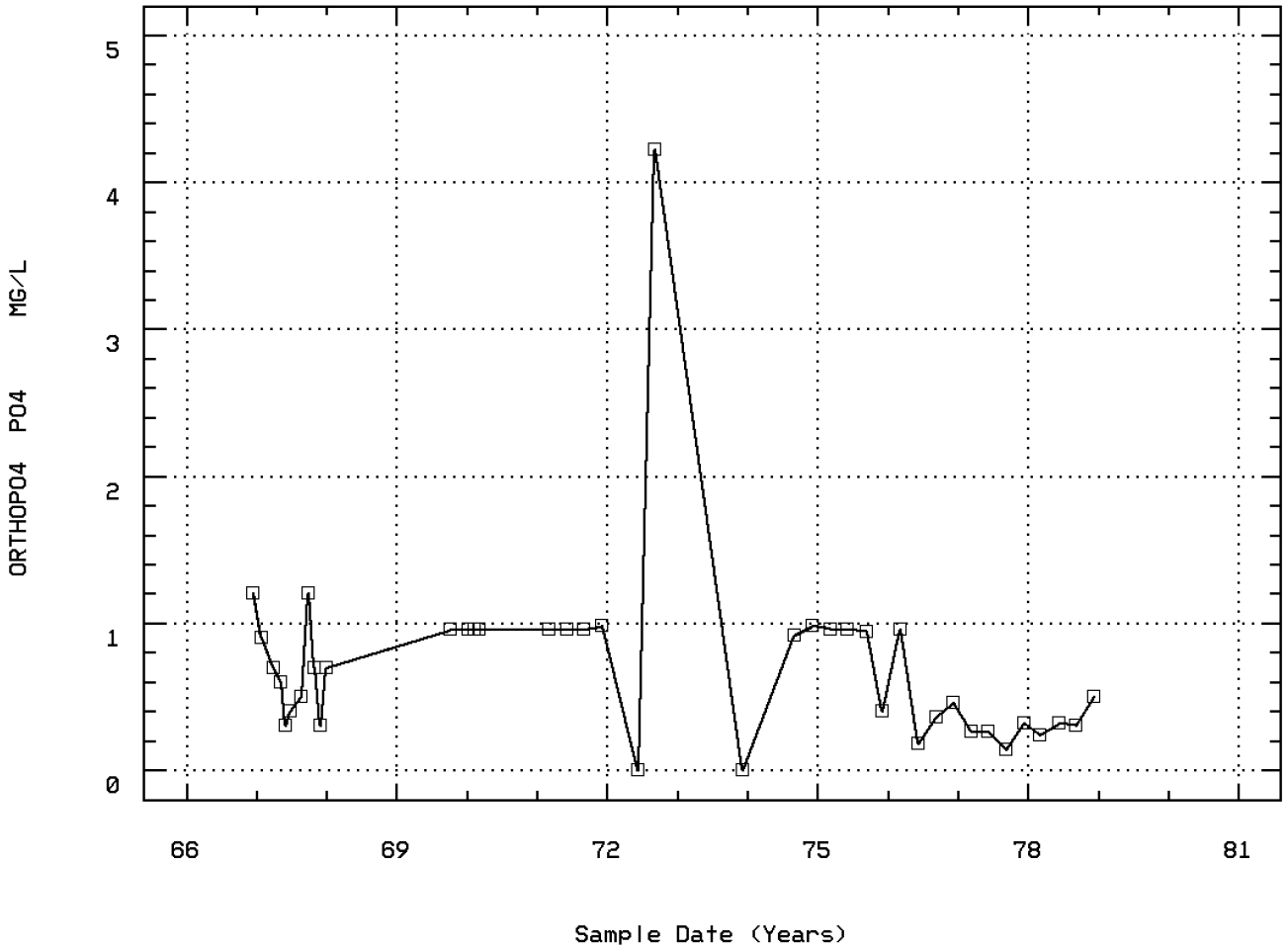
SALINITY - PARTS PER THOUSAND



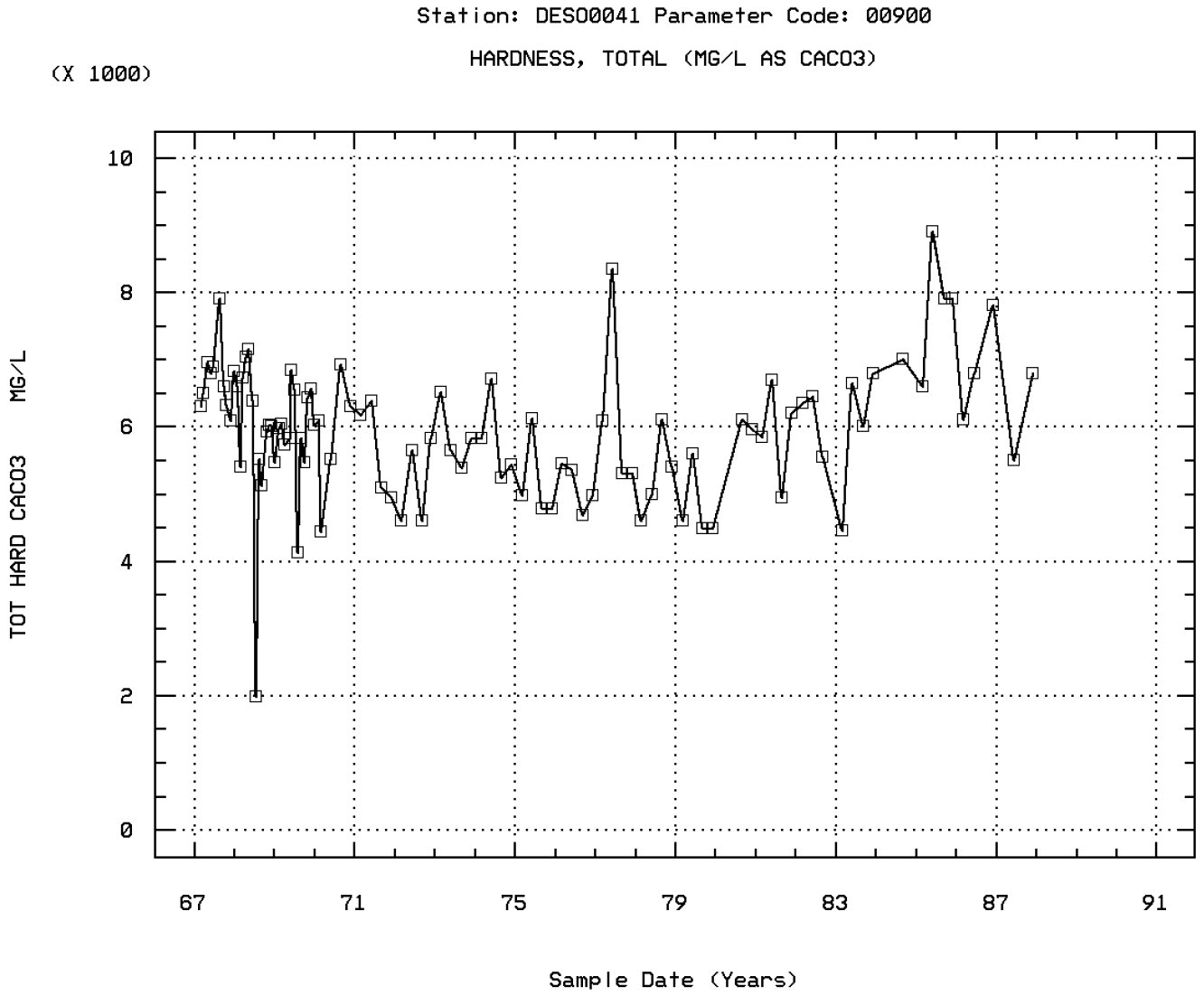
WN-12 PALMA SOLA BAY BR

Station: DES00041 Parameter Code: 00660

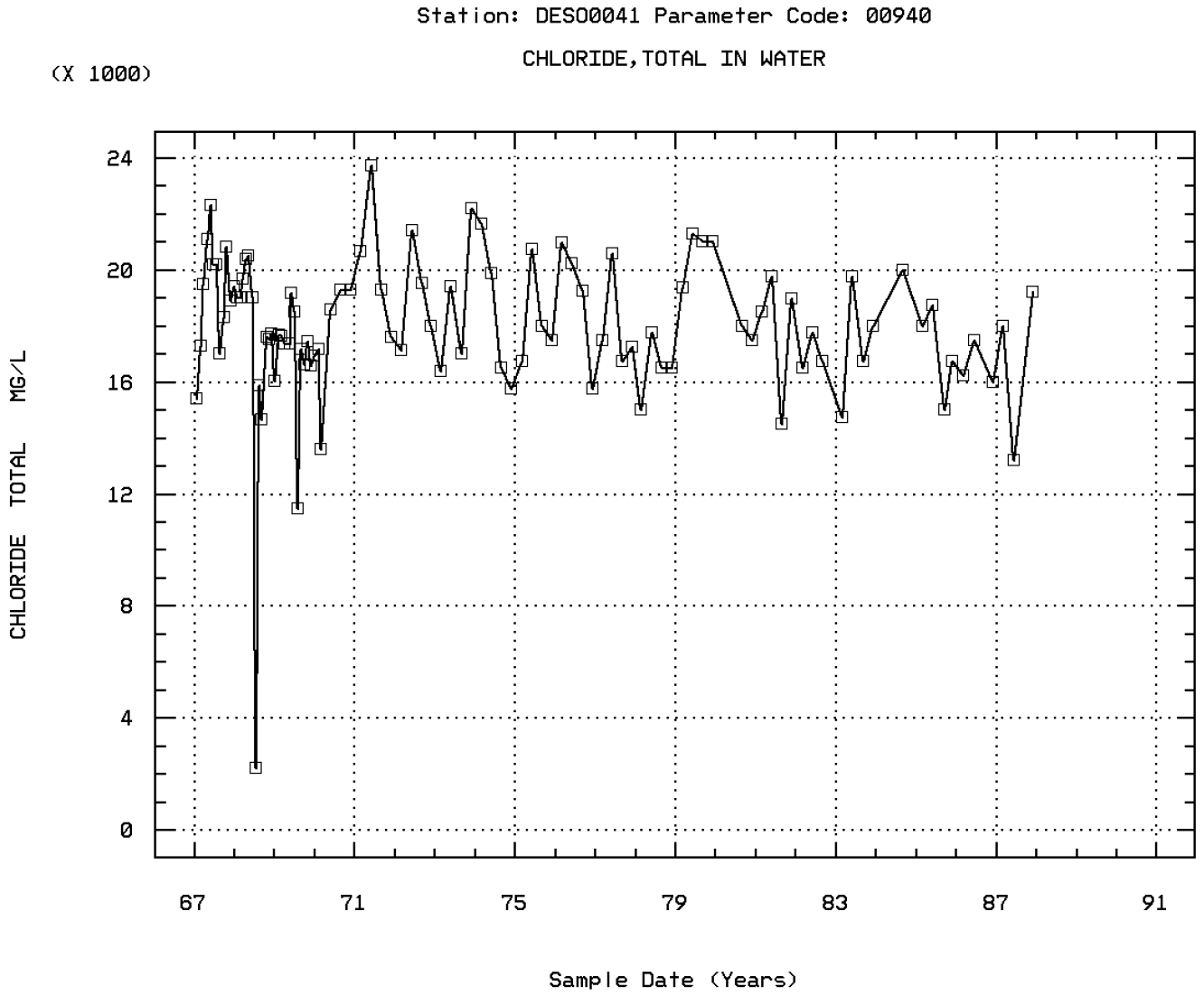
PHOSPHATE, ORTHO (MG/L AS PO4)



WN-12 PALMA SOLA BAY BR



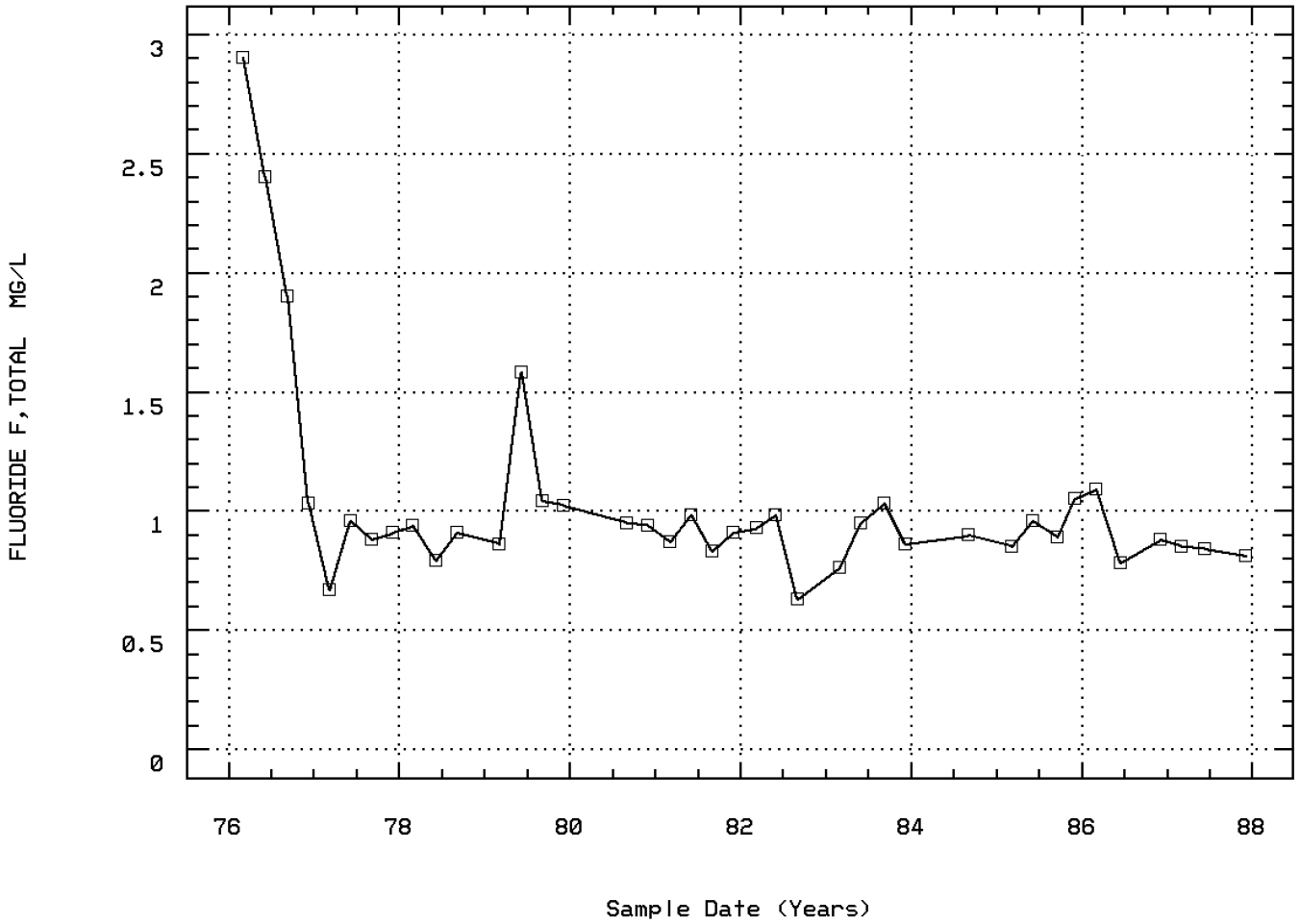
WN-12 PALMA SOLA BAY BR



WN-12 PALMA SOLA BAY BR

Station: DESO0041 Parameter Code: 00951

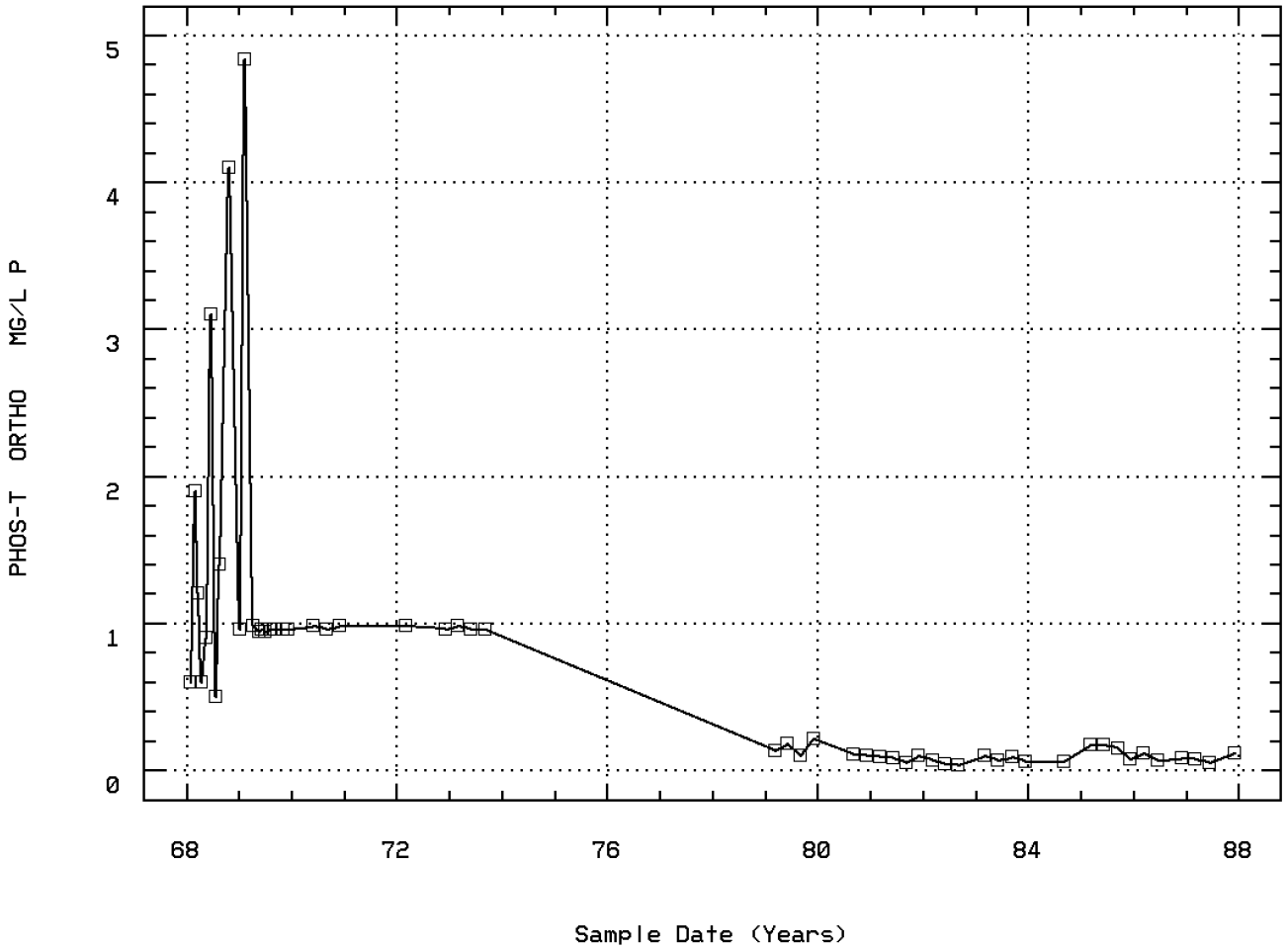
FLUORIDE, TOTAL (MG/L AS F)



WN-12 PALMA SOLA BAY BR

Station: DESO0041 Parameter Code: 70507

PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



WN-12 PALMA SOLA BAY BR

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/12/66-12/02/87	24	0.	0.208	5.	0.	1.042	1.021	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/67-12/02/87	19	28.	27.868	31.	22.	5.357	2.314	23.	27.	29.	30.5
00035	WIND VELOCITY (MILES PER HOUR)	03/01/73-12/02/87	13	4.	3.846	10.	0.	11.641	3.412	0.	0.	5.	10.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/67-12/02/87	22	4.25	5.291	20.	2.	16.15	4.019	2.6	3.125	5.825	11.35
00080	COLOR (PLATINUM-COBALT UNITS)	06/08/72-12/02/87	14	20.	20.357	35.	10.	47.94	6.924	10.	15.	25.	32.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	14	39500.	40557.857	52100.	32000.	31992248.901	5656.169	32500.	36875.	44857.5	50050.
00300p	OXYGEN, DISSOLVED MG/L	01/27/67-12/02/87	22	6.2	6.114	9.3	2.1	2.46	1.569	4.42	5.1	7.225	8.22
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/67-12/02/87	22	3.	3.018	5.4	0.9	0.952	0.976	1.51	2.475	3.55	4.
00400p	PH (STANDARD UNITS)	01/27/67-06/10/87	22	8.3	8.294	8.7	7.5	0.079	0.281	7.79	8.2	8.5	8.563
00400p	CONVERTED PH (STANDARD UNITS)	01/27/67-06/10/87	22	8.3	8.181	8.7	7.5	0.092	0.304	7.79	8.2	8.5	8.563
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/67-06/10/87	22	0.005	0.007	0.032	0.002	0.	0.007	0.003	0.003	0.006	0.017
00480p	SALINITY - PARTS PER THOUSAND	12/12/66-12/02/87	23	31.2	31.309	35.1	22.2	7.768	2.787	27.86	30.2	33.6	34.24
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/05/67-12/02/87	7	0.02	0.014	0.032	0.	0.	0.012	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/66-12/05/78	10	0.93	1.05	4.22	0.14	1.365	1.168	0.156	0.345	1.02	3.918
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/02/67-12/02/87	23	5473.	5680.261	7900.	4125.	1045235.747	1022.368	4535.2	4950.	6100.	7540.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/67-12/02/87	23	16990.	17178.261	21010.	11490.	4456060.474	2110.938	14562.	16490.	19240.	19810.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/27/67-12/02/75	12	1.9	1.863	2.6	0.77	0.255	0.505	0.965	1.6	2.16	2.6
00951	FLUORIDE, TOTAL (MG/L AS F)	03/03/76-12/02/87	10	0.905	0.996	1.9	0.63	0.114	0.338	0.65	0.867	1.033	1.814
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/01/68-12/02/87	13	0.148	0.524	1.4	0.031	0.261	0.511	0.04	0.072	0.96	1.24
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/06/72-12/05/78	7	0.	0.086	0.2	0.	0.011	0.107	**	**	**	**

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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/12/66-12/02/87	54	0.	0.028	1.	0.	0.023	0.151	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/67-12/02/87	52	19.5	18.904	25.	13.	9.647	3.106	14.3	16.	21.	23.
00035	WIND VELOCITY (MILES PER HOUR)	03/01/73-12/02/87	25	10.	9.92	25.	0.	38.993	6.244	3.	5.	15.	20.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/67-12/02/87	52	3.8	4.831	20.	1.	10.683	3.268	2.1	2.725	6.125	8.28
00080	COLOR (PLATINUM-COBALT UNITS)	06/08/72-12/02/87	27	15.	16.593	40.	5.	81.943	9.052	5.	10.	20.	31.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	27	34800.	38075.185	50350.	26400.	53059395.157	7284.188	30800.	32500.	45900.	48876.
00300p	OXYGEN, DISSOLVED MG/L	01/27/67-12/02/87	53	8.1	7.966	10.7	4.7	1.236	1.112	6.64	7.25	8.75	9.16
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/67-12/02/87	52	2.	2.475	6.2	1.	1.065	1.032	1.28	2.	3.	3.82
00400p	PH (STANDARD UNITS)	01/27/67-06/10/87	49	8.3	8.295	8.7	7.84	0.048	0.22	8.	8.065	8.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	01/27/67-06/10/87	49	8.3	8.238	8.7	7.84	0.052	0.227	8.	8.065	8.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/67-06/10/87	49	0.005	0.006	0.014	0.002	0.	0.003	0.003	0.003	0.009	0.01
00480p	SALINITY - PARTS PER THOUSAND	12/12/66-12/02/87	52	32.1	31.919	36.3	19.	7.996	2.828	29.37	30.8	33.55	35.
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/05/67-12/02/87	17	0.029	0.065	0.3	0.	0.009	0.093	0.	0.017	0.074	0.3
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/66-12/05/78	22	0.8	0.7	1.2	0.	0.111	0.333	0.246	0.38	0.96	0.994
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/02/67-12/02/87	51	6019.	5909.863	7900.	4437.	645612.921	803.5	4601.2	5400.	6438.	6800.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/67-12/02/87	53	17610.	17871.132	22200.	13580.	3279829.463	1811.03	15740.	16655.	19100.	20752.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/27/67-12/02/75	33	2.15	2.198	3.8	0.73	0.669	0.818	0.98	1.73	2.83	3.28
00951	FLUORIDE, TOTAL (MG/L AS F)	03/03/76-12/02/87	20	0.91	1.007	2.9	0.67	0.209	0.457	0.765	0.853	1.015	1.086
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/01/68-12/02/87	31	0.6	0.822	4.84	0.056	1.192	1.092	0.075	0.1	0.98	1.76
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/06/72-12/05/78	12	0.05	0.092	0.4	0.	0.015	0.124	0.	0.	0.175	0.34

** - 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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/12/66-12/02/87	26	0.	0.038	1.	0.	0.038	0.196	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/67-12/02/87	23	28.	28.013	33.	24.	4.404	2.099	25.	26.	29.	30.6
00035	WIND VELOCITY (MILES PER HOUR)	03/01/73-12/02/87	12	4.	4.042	12.	0.	16.384	4.048	0.	0.125	6.5	11.4

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

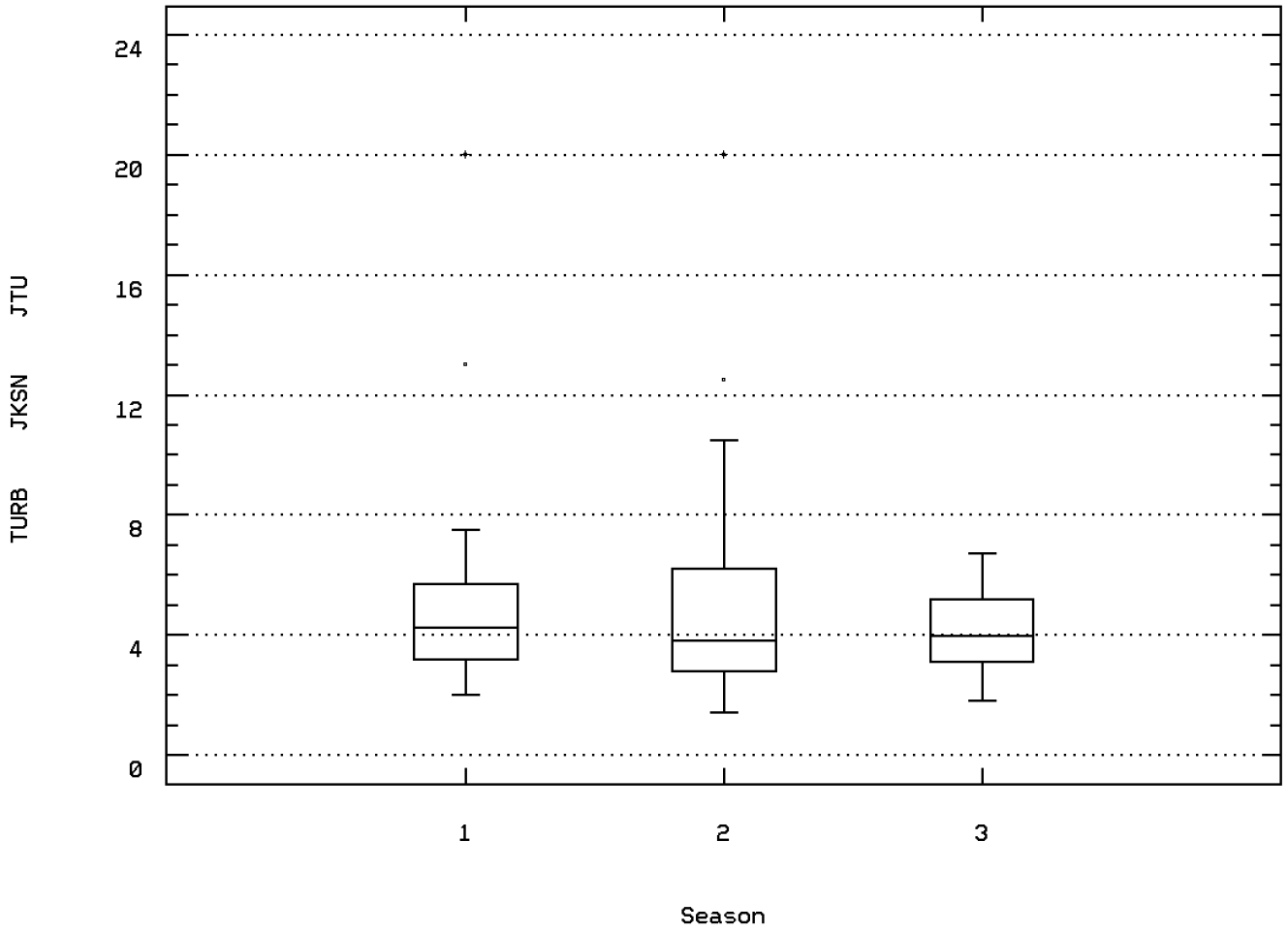
Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/67-12/02/87	26	3.95	4.188	6.7	1.8	1.625	1.275	2.74	3.075	5.25	6.19
00080	COLOR (PLATINUM-COBALT UNITS)	06/08/72-12/02/87	14	12.5	13.714	25.	2.	51.604	7.184	3.5	8.75	20.	22.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/72-12/02/87	13	41000.	43176.154	51950.	34800.	36237225.641	6019.736	35720.	38000.	49970.	51570.
00300p	OXYGEN, DISSOLVED MG/L	01/27/67-12/02/87	26	5.8	5.754	8.6	2.8	1.871	1.368	3.46	5.1	6.525	7.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/67-12/02/87	26	3.	3.162	6.	2.	1.076	1.037	2.	2.	4.	4.37
00400p	PH (STANDARD UNITS)	01/27/67-06/10/87	25	8.4	8.351	8.7	7.5	0.058	0.241	8.076	8.255	8.5	8.58
00400p	CONVERTED PH (STANDARD UNITS)	01/27/67-06/10/87	25	8.4	8.26	8.7	7.5	0.067	0.258	8.076	8.255	8.5	8.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/67-06/10/87	25	0.004	0.005	0.032	0.002	0.	0.006	0.003	0.003	0.006	0.008
00480p	SALINITY - PARTS PER THOUSAND	12/12/66-12/02/87	25	35.5	34.812	38.9	24.5	12.244	3.499	29.6	33.	37.6	38.22
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/05/67-12/02/87	10	0.02	0.051	0.35	0.	0.011	0.106	0.	0.	0.041	0.319
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/66-12/05/78	9	0.32	0.442	0.96	0.	0.112	0.335	0.	0.22	0.78	0.96
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/02/67-12/02/87	25	6450.	6268.16	8900.	1989.	1574926.223	1254.961	5212.4	5620.	6820.5	7632.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/67-12/02/87	26	19740.	18876.192	23710.	2201.	15471338.562	3933.362	16126.	18310.	20627.5	21663.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/27/67-12/02/75	15	2.3	2.316	3.8	0.19	0.821	0.906	0.856	1.84	3.05	3.62
00951	FLUORIDE, TOTAL (MG/L AS F)	03/03/76-12/02/87	10	0.96	1.122	2.4	0.78	0.252	0.502	0.781	0.828	1.13	2.318
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/01/68-12/02/87	15	0.5	0.663	3.1	0.043	0.623	0.789	0.048	0.069	0.96	1.828
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/06/72-12/05/78	5	0.	0.06	0.3	0.	0.018	0.134	**	**	**	**

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

Station: DESO0041 Parameter Code: 00070

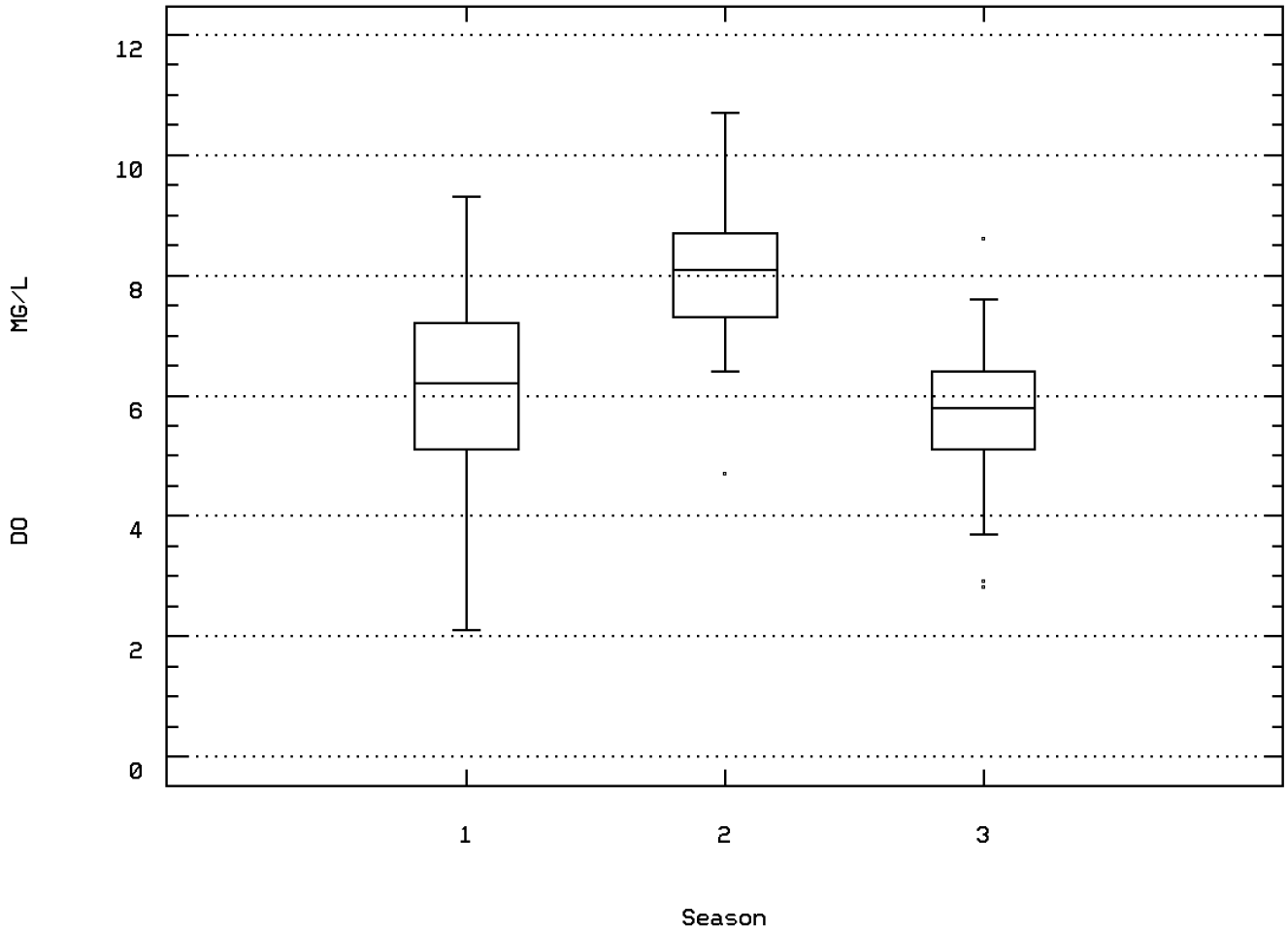
TURBIDITY, (JACKSON CANDLE UNITS)



WN-12 PALMA SOLA BAY BR

Station: DESO0041 Parameter Code: 00300

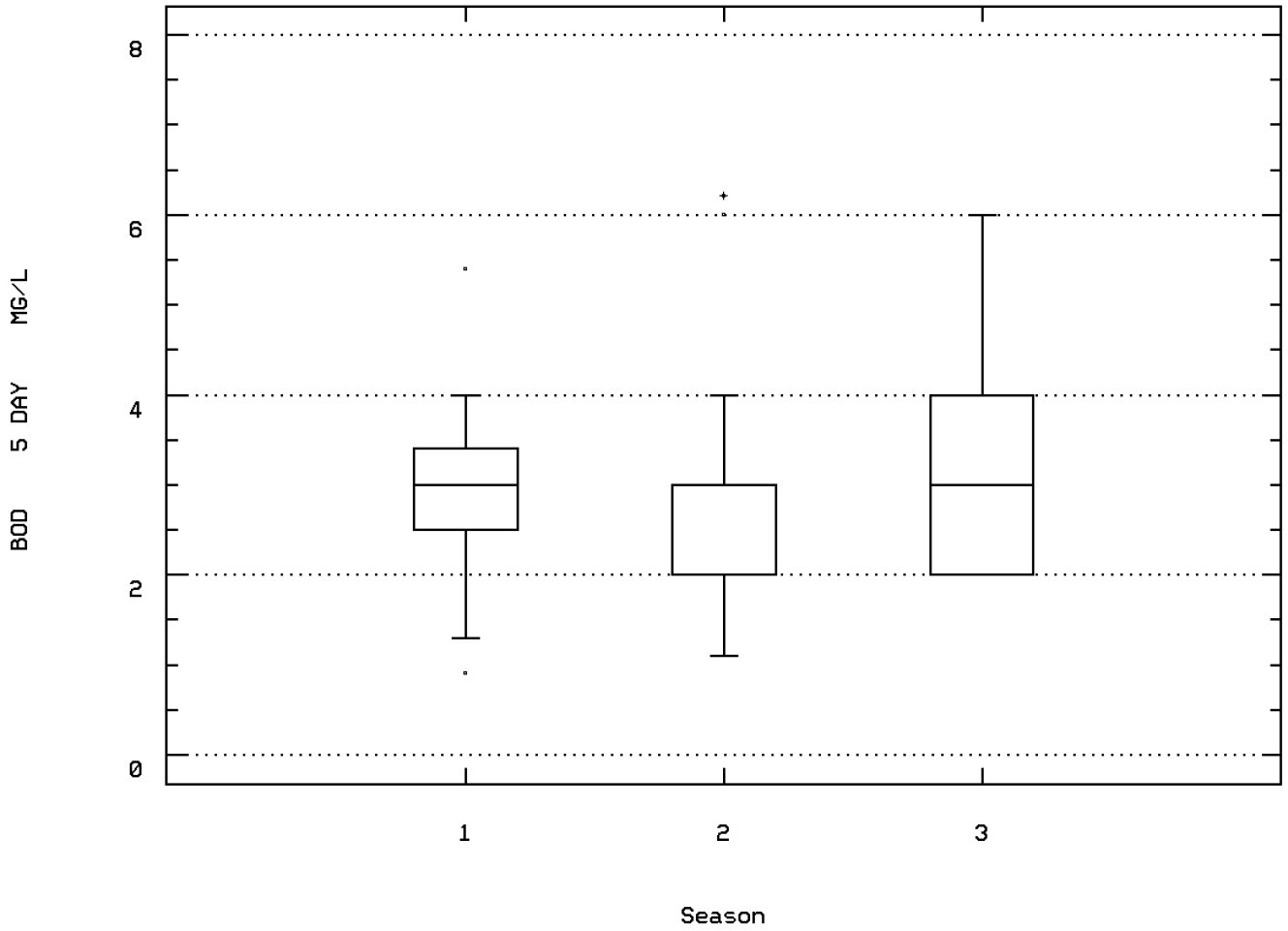
OXYGEN, DISSOLVED



WN-12 PALMA SOLA BAY BR

Station: DESO0041 Parameter Code: 00310

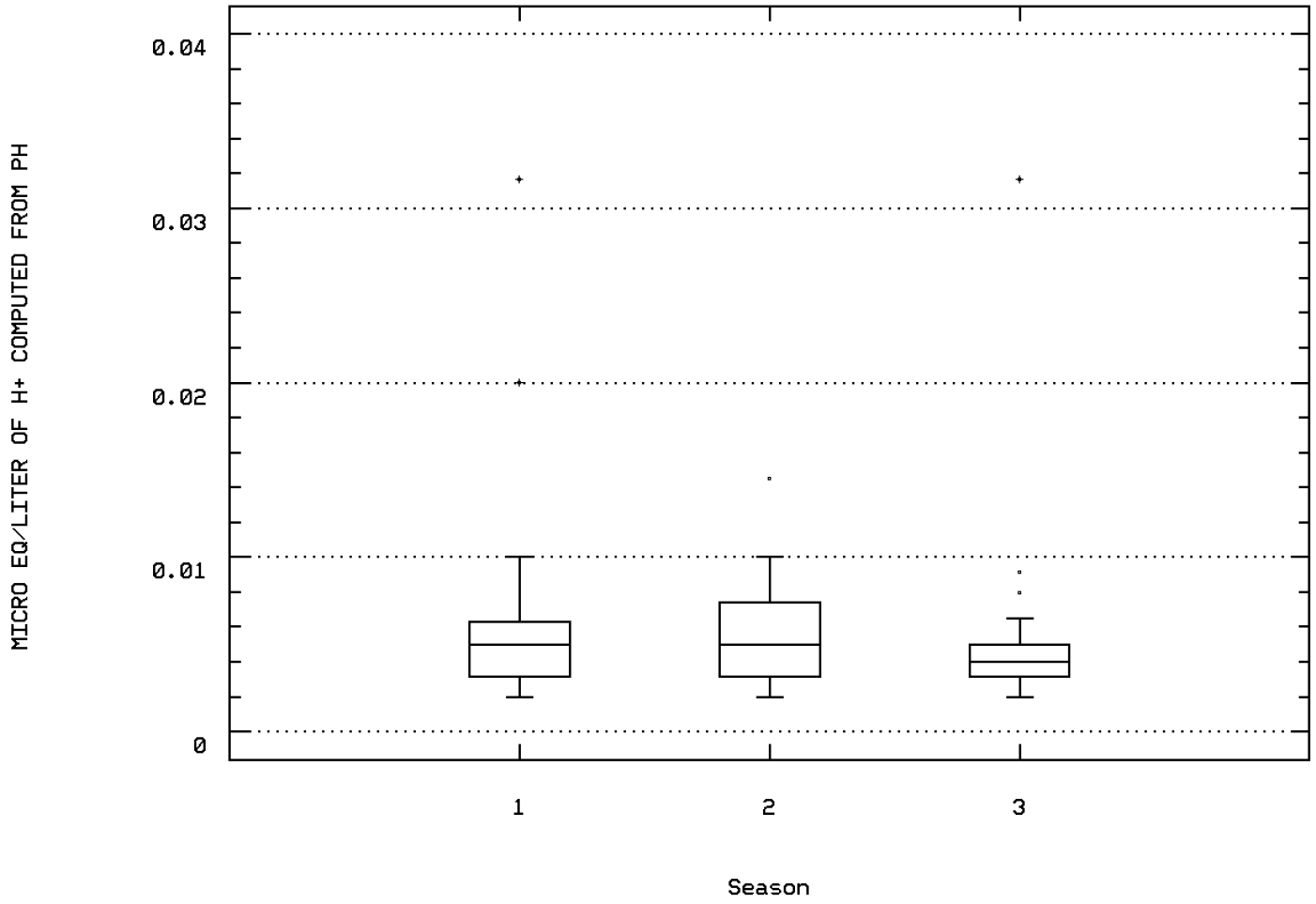
BOD, 5 DAY, 20 DEG C



WN-12 PALMA SOLA BAY BR

Station: DESO0041 Parameter Code: 00400

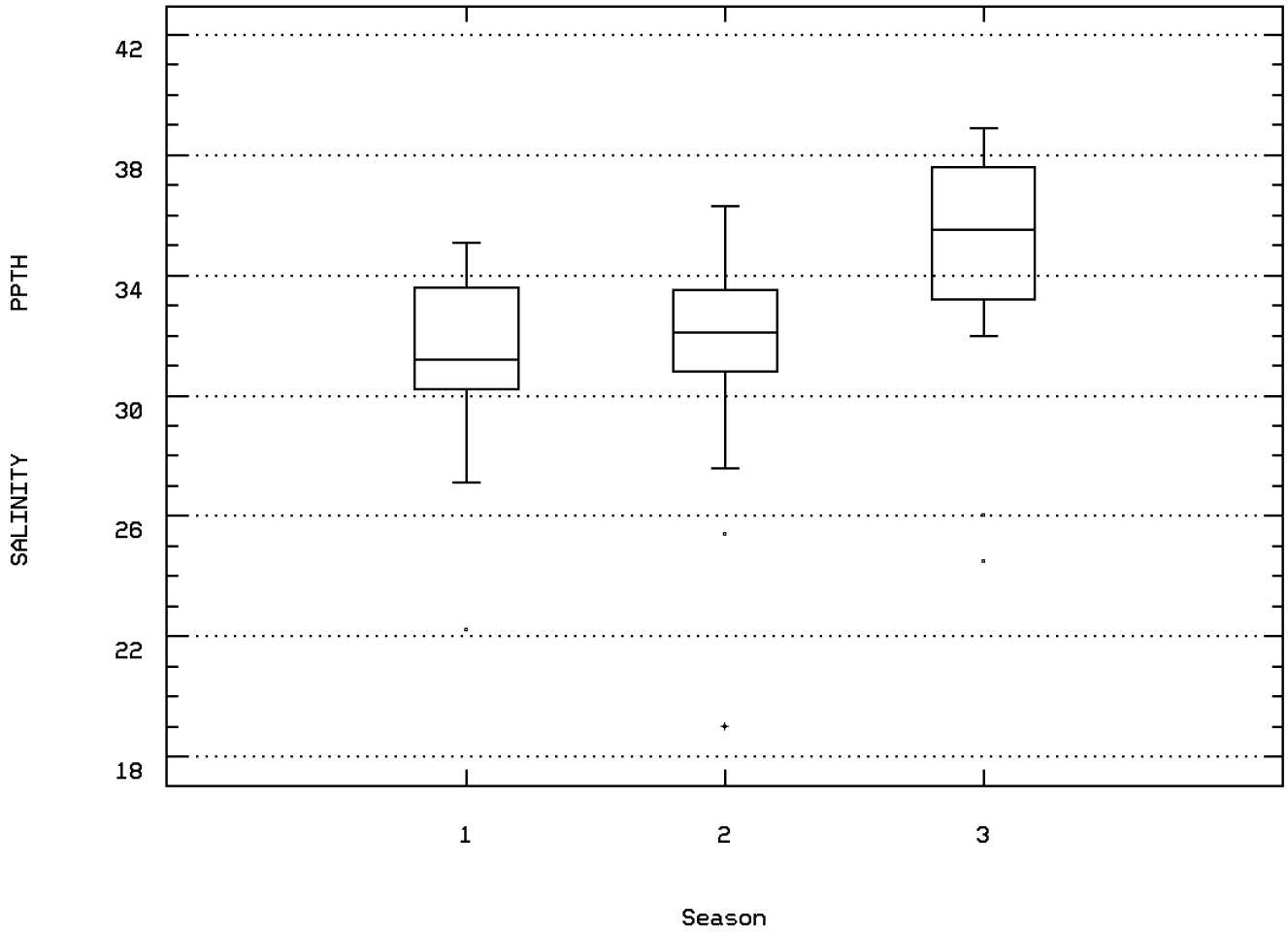
MICRO EQ/LITER OF H+ COMPUTED FROM PH



WN-12 PALMA SOLA BAY BR

Station: DESO0041 Parameter Code: 00480

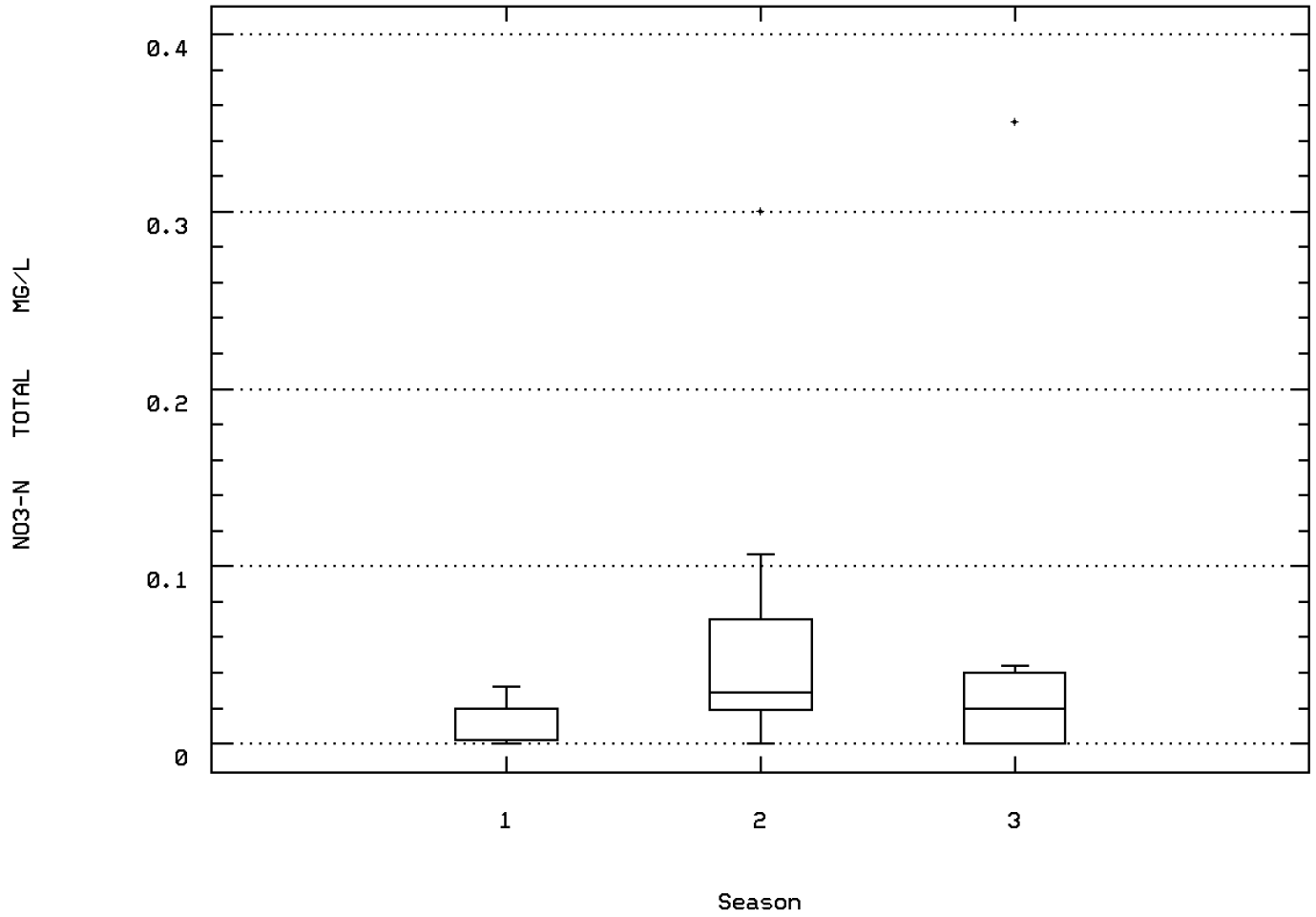
SALINITY - PARTS PER THOUSAND



WN-12 PALMA SOLA BAY BR

Station: DESO0041 Parameter Code: 00620

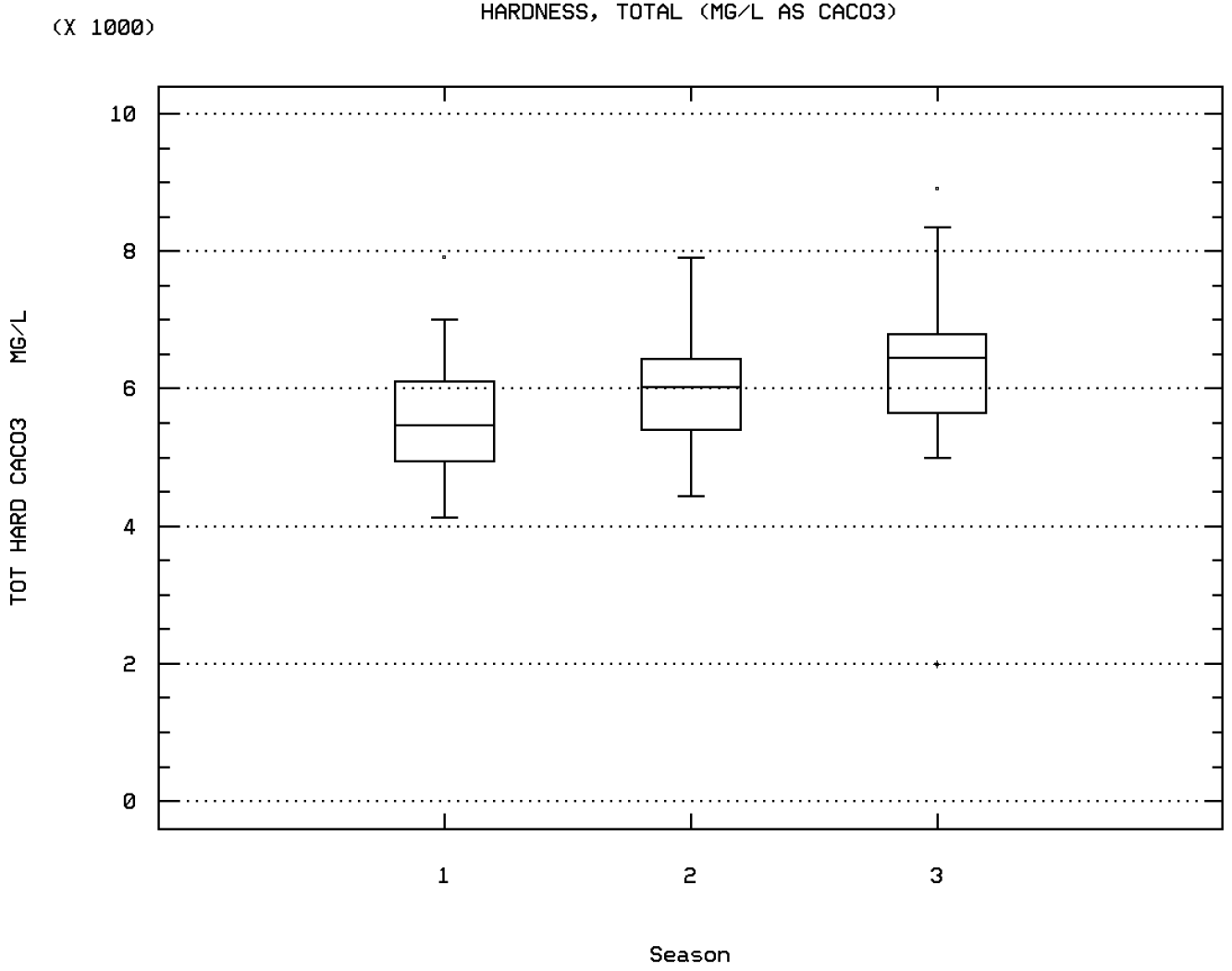
NITRATE NITROGEN, TOTAL (MG/L AS N)



WN-12 PALMA SOLA BAY BR

Station: DESO0041 Parameter Code: 00900

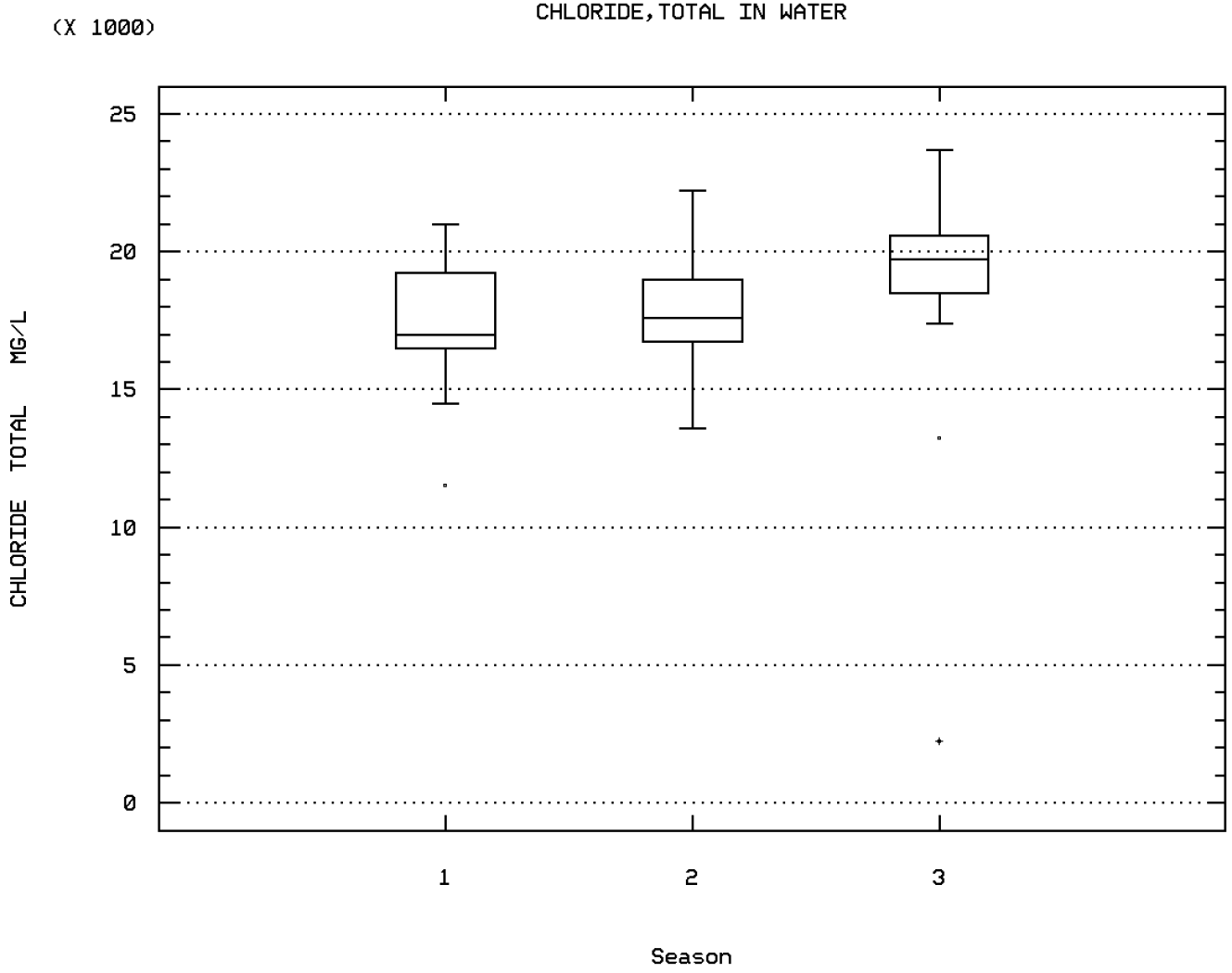
HARDNESS, TOTAL (MG/L AS CACO3)



WN-12 PALMA SOLA BAY BR

Station: DESO0041 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



WN-12 PALMA SOLA BAY BR

Station Inventory for Station: DESO0042

NPS Station ID: DESO0042 LAT/LON: 27.496670/ -82.656116 Agency: 21FLMML Date Created: 12/06/97
Location: PALMA SOLA BAY N OF SR64 FRM DOCK NEPWQ-11 FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 272948082392200
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	34	0.7	1.744	5.	0.7	2.178	1.476	0.7	0.7	3.	5.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	31	23.	23.984	32.	17.4	28.588	5.347	17.6	19.	30.	31.7
00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	16	25.	34.5	100.	1.	1197.467	34.604	1.7	6.25	68.75	99.3
00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	16	5.	5.406	15.	0.	26.574	5.155	0.	0.25	10.	15.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-02/08/94	15	1.	1.053	1.8	0.5	0.153	0.391	0.5	0.8	1.5	1.62
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	19	20.	20.526	40.	5.	121.93	11.042	5.	10.	25.	40.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/90-02/08/94	21	46790.	45757.619	49470.	37270.	12582049.048	3547.118	38250.	44200.	48255.	49402.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	29	6.6	6.09	12.2	1.7	4.013	2.003	4.3	4.75	6.95	8.1
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	29	85.9	83.903	159.8	28.8	522.287	22.854	61.7	73.2	94.	101.6
00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	29	31.	30.91	36.	23.7	9.175	3.029	26.9	29.3	33.	35.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	19	17.	18.474	33.	4.	71.708	8.468	6.	13.	27.	29.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	19	7.	7.421	14.	3.	8.924	2.987	3.	5.	9.	12.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	18 ##	0.005	0.013	0.11	0.005	0.001	0.025	0.005	0.005	0.005	0.038
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	19	0.81	2.087	23.3	0.23	26.616	5.159	0.32	0.66	1.11	2.44
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	19	0.02	0.036	0.11	0.005	0.001	0.034	0.005	0.005	0.06	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	19	0.15	0.147	0.28	0.05	0.004	0.061	0.08	0.09	0.16	0.26
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	12	25.	25.35	35.9	20.4	18.625	4.316	20.46	22.1	27.475	33.71
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	12	1.25	1.325	2.2	0.3	0.451	0.672	0.36	0.75	2.025	2.2
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	15	9.6	11.187	38.5	0.4	92.557	9.621	0.52	5.3	14.5	27.1
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	15	2.	3.77	14.3	0.05	18.145	4.26	0.05	0.3	6.9	11.54
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	15	2.2	2.797	9.2	0.05	5.605	2.368	0.2	1.2	4.1	6.86
50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	19	0.05	0.058	0.27	0.01	0.003	0.054	0.03	0.04	0.06	0.08
50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	14	61550.	71218.571	150000.	3260.	1411735290.11	37573.066	21280.	44950.	103000.	129500.
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-02/08/94	7	0.84	0.799	1.14	0.46	0.067	0.258	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	19	3.3	3.247	5.	1.3	1.293	1.137	1.5	2.4	4.1	5.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	16	1.	1.15	2.	0.5	0.275	0.524	0.5	0.8	1.675	2.

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

EPA Water Quality Criteria Analysis for Station: DESO0042

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	29	2	0.07	6	2	0.33	15	0	0.00	8	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	19	0	0.00	4	0	0.00	10	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: DESO0043

NPS Station ID: DESO0043
LAT/LON: 27.497003/ -82.656838
Agency: 21FLMANA
Date Created: 08/19/95
Location: NORTH END PALMA SOLA BAY
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): PS-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100201
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100201
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:
AWP

Parameter Inventory for Station: DESO0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	50	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/89-12/13/94	46	25.	24.583	31.	15.	20.378	4.514	18.	20.75	29.	30.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/01/89-12/13/94	30	0.9	1.124	2.4	0.6	0.219	0.468	0.616	0.79	1.4	1.8
00080	COLOR (PLATINUM-COBALT UNITS)	01/01/89-12/13/94	48	20.	23.75	100.	5.	362.234	19.032	10.	10.	30.	40.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	49	46400.	46375.51	57300.	33800.	31425221.088	5605.82	37100.	43400.	50200.	54200.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/01/89-12/13/94	44	7.25	7.434	10.1	4.3	2.058	1.435	5.6	6.425	8.6	9.4
00311	BOD, DISSOLVED, 5 DAY MG/L	01/01/89-12/13/94	44	2.5	2.95	6.8	1.3	2.065	1.437	1.7	1.85	3.55	5.8
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	49	8.1	8.133	8.5	7.5	0.052	0.229	7.8	8.	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	49	8.1	8.069	8.5	7.5	0.057	0.238	7.8	8.	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	49	0.008	0.009	0.032	0.003	0.	0.005	0.004	0.005	0.01	0.016
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	50	24.5	24.3	54.	5.	111.398	10.555	13.	15.	29.25	40.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/01/89-12/13/94	39	10.	9.964	17.	0.6	18.061	4.25	4.	7.	13.	17.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/01/89-12/13/94	43 ##	0.005	0.036	0.6	0.005	0.009	0.095	0.005	0.005	0.025	0.09
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	50	0.03	0.042	0.31	0.003	0.002	0.046	0.007	0.02	0.05	0.08
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/01/89-12/13/94	42	0.562	0.565	1.78	0.005	0.184	0.428	0.015	0.19	0.827	1.202
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	49	0.03	0.038	0.3	0.001	0.002	0.045	0.006	0.02	0.05	0.08
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/01/89-04/26/94	41	18000.	18421.415	33490.	13200.	9956936.049	3155.461	15640.	16700.	19200.	21060.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/01/90-04/29/91	5	4.	14.2	50.	1.	427.2	20.669	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/01/90-04/29/91	5	0.602	0.75	1.699	0.	0.461	0.679	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.619								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/01/89-12/13/94	42	8.885	10.978	38.9	0.1	88.497	9.407	0.5	4.21	13.513	26.53
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	29	1.87	5.925	41.6	0.1	77.75	8.818	0.5	0.5	7.83	18.19
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	29	5.71	11.435	62.8	0.2	175.239	13.238	0.5	2.305	17.765	24.98
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/01/90-07/13/92	12	0.5	6.217	33.11	0.	106.083	10.3	0.	0.125	11.35	28.304
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/01/89-12/13/94	41	20.19	41.589	237.4	0.5	2544.425	50.442	0.5	2.27	77.8	108.2
70305	SALINITY BASED ON CONDUCTIVITY	01/01/89-09/06/94	42	31.	30.85	39.	23.	13.748	3.708	26.	27.525	33.	36.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/01/89-12/13/94	44	0.145	0.183	0.98	0.005	0.034	0.184	0.025	0.09	0.22	0.33
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/01/89-12/13/94	48	3.	3.065	5.7	0.3	1.84	1.357	1.19	2.025	4.25	5.01

** - 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: DESO0043

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	44	0	0.00	7	0	0.00	28	0	0.00	9	0	0.00			
00400	PH	Marine Chronic	8.5	49	4	0.08	8	1	0.13	30	2	0.07	11	1	0.09			
		Other-Lo Lim.	6.5	49	0	0.00	8	0	0.00	30	0	0.00	11	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	0	0.00	1	0	0.00	4	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	48	0	0.00	8	0	0.00	29	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 1989 - Station DESO0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	10	45650.	44910.	52700.	36000.	33132111.111	5756.05	36090.	39525.	49150.	52660.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	10	8.	8.02	8.4	7.8	0.035	0.187	7.8	7.875	8.125	8.38
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	10	8.	7.987	8.4	7.8	0.036	0.191	7.8	7.875	8.125	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	10	0.01	0.01	0.016	0.004	0.	0.004	0.004	0.008	0.013	0.016
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	10	25.	25.	43.	11.	79.778	8.932	11.3	20.75	28.5	42.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	10	0.05	0.065	0.31	0.006	0.008	0.089	0.006	0.018	0.058	0.287
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	9	0.02	0.051	0.3	0.001	0.009	0.096	0.001	0.003	0.055	0.3

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

Annual Analysis for 1990 - Station DESO0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	9	47800.	46000.	52100.	33800.	32830000.	5729.747	33800.	42900.	49900.	52100.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.2	8.111	8.3	7.8	0.039	0.196	7.8	7.9	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.2	8.07	8.3	7.8	0.041	0.201	7.8	7.9	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.006	0.009	0.016	0.005	0.	0.004	0.005	0.005	0.013	0.016
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	9	18.	19.444	45.	6.	135.028	11.62	6.	11.	25.	45.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	9	0.04	0.039	0.09	0.006	0.001	0.026	0.006	0.014	0.05	0.09
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	9	0.03	0.037	0.1	0.009	0.001	0.028	0.009	0.015	0.05	0.1

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

Annual Analysis for 1991 - Station DESO0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	9	45900.	46144.444	52300.	41600.	12897777.778	3591.348	41600.	43050.	49250.	52300.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.2	8.204	8.4	7.9	0.025	0.159	7.9	8.1	8.35	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.2	8.177	8.4	7.9	0.026	0.161	7.9	8.1	8.35	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.006	0.007	0.013	0.004	0.	0.003	0.004	0.004	0.008	0.013
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	9	24.	22.667	34.	15.	58.	7.616	15.	15.	30.	34.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	9	0.03	0.036	0.08	0.003	0.001	0.029	0.003	0.01	0.065	0.08
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	9	0.04	0.039	0.09	0.004	0.001	0.03	0.004	0.015	0.065	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 box-and-whisker plot

Annual Analysis for 1992 - Station DESO0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	6	45700.	45016.667	49400.	39500.	15501666.667	3937.216	**	**	**	**
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	6	8.1	8.15	8.3	8.1	0.007	0.084	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	6	8.1	8.144	8.3	8.1	0.007	0.084	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	6	0.008	0.007	0.008	0.005	0.	0.001	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	7	24.	21.571	26.	13.	28.952	5.381	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	7	0.02	0.04	0.1	0.007	0.002	0.042	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	7	0.02	0.031	0.05	0.01	0.	0.018	**	**	**	**

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

Annual Analysis for 1993 - Station DESO0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	5	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	5	46700.	47840.	52700.	43000.	17688000.	4205.71	**	**	**	**
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	5	8.1	8.12	8.5	7.6	0.112	0.335	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	5	8.1	8.007	8.5	7.6	0.128	0.358	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	5	0.008	0.01	0.025	0.003	0.	0.009	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	23.	19.4	29.	5.	96.3	9.813	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	5	0.02	0.032	0.05	0.02	0.	0.016	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	5	0.02	0.032	0.05	0.02	0.	0.016	**	**	**	**

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

Annual Analysis for 1994 - Station DESO0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	10	50600.	48470.	57300.	33800.	67471222.222	8214.087	34130.	42575.	55050.	57120.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	10	8.3	8.2	8.5	7.5	0.109	0.33	7.54	7.975	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	10	8.289	8.066	8.5	7.5	0.129	0.359	7.54	7.975	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	10	0.005	0.009	0.032	0.003	0.	0.009	0.003	0.003	0.011	0.03
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	10	33.	33.8	54.	13.	146.844	12.118	13.9	25.75	42.5	53.3
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	10	0.03	0.033	0.05	0.01	0.	0.014	0.011	0.02	0.05	0.05
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	10	0.03	0.035	0.05	0.01	0.	0.014	0.011	0.028	0.05	0.05

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

Station Inventory for Station: DESO0044

NPS Station ID: DESO0044
LAT/LON: 27.497003/ -82.656838
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP South Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 458
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/19/95-11/16/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/95-11/16/98	12	24.5	24.167	32.	15.	39.424	6.279	15.3	17.75	30.75	31.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/19/95-11/16/98	12	1.	1.05	1.5	0.5	0.141	0.375	0.5	0.8	1.5	1.5
00080	COLOR (PLATINUM-COBALT UNITS)	12/19/95-11/16/98	12	20.	18.75	30.	5.	55.114	7.424	6.5	12.5	20.	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/95-11/16/98	11	45900.	44857.273	50000.	38310.	14391501.818	3793.613	38628.	41100.	47730.	49740.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/19/95-11/16/98	12	6.4	6.492	9.5	3.5	2.775	1.666	3.95	5.15	7.55	9.26
00400	PH (STANDARD UNITS)	12/19/95-11/16/98	11	8.2	8.173	8.4	8.	0.022	0.149	8.	8.	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	12/19/95-11/16/98	11	8.2	8.15	8.4	8.	0.023	0.151	8.	8.	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/95-11/16/98	11	0.006	0.007	0.01	0.004	0.	0.002	0.004	0.005	0.01	0.01
00480	SALINITY - PARTS PER THOUSAND	12/19/95-11/16/98	12	29.	29.083	33.	24.	6.629	2.575	24.6	27.25	31.	32.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/95-11/16/98	11	30.	24.636	39.	5.	156.455	12.508	5.8	11.	36.	38.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/21/96-11/16/98	10 ##	0.005	0.099	0.912	0.005	0.082	0.286	0.005	0.005	0.015	0.824
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/95-11/16/98	11	0.03	0.038	0.1	0.01	0.001	0.026	0.01	0.02	0.05	0.09
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/95-11/16/98	12	0.616	0.647	1.014	0.451	0.028	0.168	0.462	0.505	0.76	0.962
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	12/19/95-11/16/98	11	0.02	0.027	0.1	0.005	0.001	0.028	0.005	0.005	0.03	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/19/95-11/16/98	11	0.101	0.104	0.3	0.005	0.007	0.086	0.005	0.031	0.149	0.274
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/19/95-11/16/98	10	10.95	9.82	17.6	2.8	28.584	5.346	2.8	4.375	14.5	17.32
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	12/19/95-11/16/98	12	1.5	1.542	2.5	1.	0.384	0.62	1.	1.	2.25	2.5
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/95-11/16/98	12	2.65	2.742	4.2	1.3	0.832	0.912	1.39	2.1	3.575	4.08

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

EPA Water Quality Criteria Analysis for Station: DESO0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	1	0.08	3	1	0.33	7	0	0.00	2	0	0.00			
00400	PH	Marine Chronic	8.5	11	0	0.00	2	0	0.00	7	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	2	0	0.00	7	0	0.00	2	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	3	0	0.00	7	0	0.00	2	0	0.00			

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

Station Inventory for Station: DESO0045

NPS Station ID: DESO0045 LAT/LON: 27.478059/ -82.657782 Agency: 21FLMML Date Created: 12/06/97
Location: PALMA SOLA BAY N OF PVTMARK #20 NEPWQ-14 FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 272841082392800
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	32	1.85	3.819	10.	0.7	12.071	3.474	0.7	0.7	7.	8.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	32	23.15	23.791	32.2	16.6	28.172	5.308	17.56	18.4	28.875	31.57
00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	16	35.	40.313	100.	0.	964.896	31.063	3.5	12.5	67.5	93.
00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	15	5.	6.933	20.	0.	38.21	6.181	0.	1.	10.	17.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-05/10/94	16	1.8	1.781	3.	1.	0.283	0.532	1.	1.5	2.	2.65
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	16	17.5	21.25	50.	10.	161.667	12.715	10.	11.25	25.	50.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/90-05/10/94	28	50410.	50294.286	54430.	44610.	7238751.323	2690.493	46266.	48572.5	52927.5	53826.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	32	7.4	7.125	9.6	3.3	1.497	1.224	5.78	6.625	7.7	8.44
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	32	101.15	101.353	128.1	52.	224.014	14.967	89.31	96.9	108.05	120.84
00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	32	33.05	33.05	35.8	28.9	3.631	1.906	30.38	31.825	34.975	35.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	16	14.	16.563	33.	5.	68.129	8.254	7.1	10.	21.25	31.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	16	6.	6.438	17.	2.	12.529	3.54	3.4	4.25	7.	13.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	15 ##	0.005	0.008	0.04	0.005	0.	0.01	0.005	0.005	0.005	0.028
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	15	0.7	0.813	2.33	0.18	0.255	0.505	0.222	0.49	0.98	1.622
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	16	0.02	0.025	0.07	0.005	0.	0.021	0.005	0.006	0.04	0.063
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	16	0.1	0.11	0.38	0.03	0.006	0.077	0.044	0.075	0.118	0.205
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	12	23.75	24.783	32.5	18.9	19.107	4.371	19.2	21.825	29.15	32.05
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	12	1.	1.2	2.5	0.2	0.613	0.783	0.23	0.5	1.975	2.41
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	14	6.65	7.979	23.1	0.4	41.697	6.457	0.45	2.225	12.175	19.15
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	14	2.8	4.786	17.6	0.05	29.841	5.463	0.05	0.2	10.175	14.15
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	14	3.45	9.864	42.4	0.05	164.719	12.834	0.05	0.425	17.8	33.95
50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	16	0.04	0.041	0.08	0.02	0.	0.014	0.027	0.03	0.048	0.066
50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	13	31900.	32930.	73700.	1500.	392184866.667	19803.658	3056.	19300.	47950.	64900.
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-05/10/94	16	0.875	1.006	2.29	0.1	0.329	0.573	0.373	0.658	1.128	2.038
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	16	2.75	3.044	6.8	0.8	2.337	1.529	1.5	1.825	3.75	6.03
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	16	2.8	2.606	3.5	1.2	0.475	0.689	1.41	2.	3.	3.5

** - 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: DESO0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	32	1	0.03	8	1	0.13	16	0	0.00	8	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	16	0	0.00	4	0	0.00	8	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: DESO0046

NPS Station ID: DESO0046
LAT/LON: 27.488337/ -82.658615
Agency: 21FLMML
Date Created: 12/06/97
Location: PALMA SOLA BAY E OF PVTMARK #25 NEPWQ-12
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 272918082393100
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100201
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100201
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	32	2.85	3.381	7.	0.7	7.774	2.788	0.7	0.7	6.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	32	22.1	23.516	31.4	16.8	23.577	4.856	18.43	18.85	28.375	30.97
00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	16	37.5	41.25	100.	0.	975.	31.225	3.5	12.5	70.	93.
00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	15	5.	6.933	20.	0.	34.638	5.885	0.6	2.	10.	17.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-05/10/94	16	1.5	1.519	2.2	0.5	0.198	0.445	0.85	1.2	1.8	2.2
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	15	15.	19.667	50.	5.	148.095	12.169	8.	10.	25.	41.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/90-05/10/94	30	49155.	49774.333	54340.	44950.	8458411.609	2908.335	45458.	47452.5	52300.	53402.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	32	7.15	6.944	10.9	3.4	3.05	1.747	4.18	6.125	7.975	8.47
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	32	100.2	97.25	142.1	52.2	373.483	19.326	64.85	91.1	106.7	114.79
00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	32	32.3	32.569	35.8	29.1	4.085	2.021	29.53	30.95	34.3	35.27
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	15	9.	15.2	44.	5.	123.886	11.13	5.	7.	22.	35.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	15	4.	6.067	14.	2.	11.924	3.453	2.6	3.	8.	12.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	14 ##	0.005	0.006	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.013
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	15	0.8	0.697	0.93	0.22	0.051	0.226	0.25	0.54	0.85	0.93
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	15	0.02	0.03	0.09	0.005	0.001	0.029	0.005	0.01	0.03	0.084
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	15	0.1	0.133	0.62	0.06	0.019	0.137	0.066	0.07	0.12	0.338
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	11	25.3	26.091	31.9	19.7	16.207	4.026	19.92	23.2	29.6	31.88
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	11	1.4	1.382	2.8	0.3	0.644	0.802	0.36	0.6	2.1	2.7
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	13	8.4	7.638	15.6	0.4	21.544	4.642	0.56	3.9	9.95	15.28
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	13	2.	3.488	11.1	0.05	17.174	4.144	0.05	0.175	6.7	10.98
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	13	2.7	5.165	16.9	0.05	38.398	6.197	0.11	0.75	9.45	16.58
50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	15	0.04	0.042	0.09	0.02	0.	0.018	0.026	0.03	0.05	0.078
50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	12	49400.	54128.333	164000.	1500.	2034195815.152	45102.06	2712.	21525.	72125.	146000.
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-05/10/94	15	1.	1.031	1.74	0.47	0.122	0.35	0.584	0.81	1.26	1.638
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	15	2.1	2.62	7.9	1.	2.56	1.6	1.42	1.9	2.6	5.5
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	16	2.2	2.244	2.5	1.8	0.056	0.237	1.94	2.	2.5	2.5

** - 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: DESO0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	32	3	0.09	8	1	0.13	16	0	0.00	8	2	0.25			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	15	0	0.00	4	0	0.00	7	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: DESO0047

NPS Station ID: DESO0047
LAT/LON: 27.548253/ -82.660727
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP North Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 425
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/17/96-10/13/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/17/96-10/13/98	12	24.	24.	32.	14.	35.455	5.954	14.9	18.25	30.5	31.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/17/96-10/13/98	12	2.	1.9	2.5	1.	0.375	0.612	1.	1.35	2.5	2.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/17/96-10/13/98	11	10.	15.	30.	5.	55.	7.416	6.	10.	20.	28.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/17/96-10/13/98	12	42150.	41845.	48400.	30600.	29601754.545	5440.749	32190.	37260.	46525.	48040.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/17/96-10/13/98	12	7.15	7.025	9.5	5.1	1.502	1.226	5.25	5.95	7.725	9.11
00400	PH (STANDARD UNITS)	04/23/96-10/13/98	11	8.1	8.091	8.2	8.	0.003	0.054	8.	8.1	8.1	8.18
00400	CONVERTED PH (STANDARD UNITS)	04/23/96-10/13/98	11	8.1	8.088	8.2	8.	0.003	0.054	8.	8.1	8.1	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/96-10/13/98	11	0.008	0.008	0.01	0.006	0.	0.001	0.007	0.008	0.008	0.01
00480	SALINITY - PARTS PER THOUSAND	01/17/96-10/13/98	12	27.	27.667	32.	23.	10.788	3.284	23.	25.	30.75	32.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/17/96-10/13/98	12	24.5	25.25	45.	4.	153.295	12.381	5.2	16.75	36.75	42.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/17/96-10/13/98	11 ##	0.005	0.021	0.124	0.005	0.001	0.036	0.005	0.005	0.025	0.106
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/17/96-10/13/98	12	0.025	0.033	0.09	0.005	0.001	0.025	0.005	0.013	0.05	0.078
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/17/96-10/13/98	12	0.476	0.482	0.848	0.156	0.032	0.178	0.204	0.359	0.59	0.778
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/17/96-10/13/98	12	0.01	0.019	0.09	0.005	0.001	0.024	0.005	0.005	0.02	0.072
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/96-10/13/98	12	0.13	0.194	0.673	0.029	0.032	0.178	0.045	0.087	0.234	0.587
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/17/96-10/13/98	12	3.45	4.658	17.1	1.6	17.254	4.154	1.66	2.4	5.175	13.77
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/17/96-10/13/98	12	3.9	3.775	4.5	3.	0.244	0.494	3.	3.5	4.	4.5
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/17/96-10/13/98	12	1.3	2.192	6.2	0.7	3.328	1.824	0.7	0.85	3.325	5.84

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

EPA Water Quality Criteria Analysis for Station: DESO0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	0	0.00	1	0	0.00	8	0	0.00	3	0	0.00			
00400	PH	Marine Chronic	8.5	11	0	0.00	1	0	0.00	7	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	1	0	0.00	7	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	1	0	0.00	8	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: DESO0048

NPS Station ID: DESO0048 LAT/LON: 27.494115/ -82.664615 Agency: 21FLA Date Created: / /
Location: WSB-5 SARASOTA BAY FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO STORET Station ID(s): 24010316
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: SOUTH-EAST Elevation: 0 Water Body Id:
Minor Basin: TAMPA BAY AREA ECO Region:
RF1 Index: 03100201014 RF1 Mile Point: 3.310 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 03100201096400.00 RF3 Mile Point: 0.24 Distance from RF3: 0.07 On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER: BAY, SARASOTA SARASOTA BAY-FLAMINGO CAY OUTFALL
IN FIRST CANAL SOUTH OF SEWAGE TREATMENT PLANT

Parameter Inventory for Station: DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	101	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	97	24.	23.149	31.5	11.	28.376	5.327	15.9	19.	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	84	6.	6.607	25.	0.	24.868	4.987	0.	4.	10.	13.5
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	96	8.5	8.401	8.9	7.5	0.052	0.228	8.	8.24	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	96	8.5	8.328	8.9	7.5	0.057	0.24	8.	8.24	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	96	0.003	0.005	0.032	0.001	0.	0.004	0.003	0.003	0.006	0.01
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	98	70.	620.673	2400.	0.2	861527.472	928.185	2.	23.	920.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	98	1.845	1.946	3.38	-0.699	1.217	1.103	0.301	1.362	2.964	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			88.39								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	43	130.	540.112	2400.	0.2	714349.705	845.192	0.52	13.	540.	2400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	43	2.114	1.83	3.38	-0.699	1.502	1.226	-0.419	1.114	2.732	3.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			67.595								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	96	17.	351.31	2400.	0.2	536474.74	732.444	1.	5.5	177.5	1840.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	96	1.23	1.478	3.38	-0.699	1.165	1.079	0.	0.736	2.249	3.257
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.067								

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

EPA Water Quality Criteria Analysis for Station: DESO0048

				Total	Exceed	Prop.	----------8/01-10/19----------			----------10/20-4/30----------			----------5/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Marine Chronic	8.5	96	68	0.71	20	14	0.70	53	37	0.70	23	17	0.74			
		Other-Lo Lim.	6.5	96	0	0.00	20	0	0.00	53	0	0.00	23	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	98	23	0.23	21	5	0.24	52	16	0.31	25	2	0.08			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	43	16	0.37	10	1	0.10	21	12	0.57	12	3	0.25			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	96	23	0.24	21	2	0.10	50	16	0.32	25	5	0.20			

& - 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 DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	1	37.	37.	37.	37.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	1	1.568	1.568	1.568	1.568	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			24.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.								

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

Annual Analysis for 1972 - Station DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	11	25.	22.364	27.	12.	23.655	4.864	13.2	18.	26.	27.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	5	5.	6.	10.	5.	5.	2.236	**	**	**	**
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	11	8.5	8.273	8.5	7.5	0.118	0.344	7.6	8.	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	11	8.5	8.118	8.5	7.5	0.144	0.38	7.6	8.	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	11	0.003	0.008	0.032	0.003	0.	0.009	0.003	0.003	0.01	0.027
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	10	10.6	430.8	2400.	0.2	622163.422	788.773	0.2	0.2	920.	2252.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	10	0.312	0.88	3.38	-0.699	3.134	1.77	-0.699	-0.699	2.964	3.339
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.582								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	9	8.	235.533	1600.	0.2	275142.7	524.54	0.2	0.2	240.	1600.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	9	0.903	0.829	3.204	-0.699	2.502	1.582	-0.699	-0.699	2.329	3.204
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.745								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	9	8.	235.533	1600.	0.2	275142.7	524.54	0.2	0.2	240.	1600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	9	0.903	0.829	3.204	-0.699	2.502	1.582	-0.699	-0.699	2.329	3.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.745								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	11	25.	23.773	30.	12.	35.168	5.93	12.6	21.	29.	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	9	5.	5.444	12.	0.	22.778	4.773	0.	0.	10.	12.
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	12	8.4	8.3	8.5	8.	0.055	0.234	8.	8.	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	12	8.389	8.24	8.5	8.	0.058	0.242	8.	8.	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	12	0.004	0.006	0.01	0.003	0.	0.003	0.003	0.003	0.01	0.01
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	10	2000.	1534.5	2400.	1.	1154039.389	1074.262	4.3	91.	2400.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	10	3.292	2.688	3.38	0.	1.323	1.15	0.153	1.914	3.38	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			487.772								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	11	540.	1198.	2400.	1.	1346790.6	1160.513	2.2	110.	2400.	2400.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	11	2.732	2.481	3.38	0.	1.32	1.149	0.169	2.041	3.38	3.38
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			302.911								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	11	540.	1198.	2400.	1.	1346790.6	1160.513	2.2	110.	2400.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	11	2.732	2.481	3.38	0.	1.32	1.149	0.169	2.041	3.38	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			302.911								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	12	23.	23.5	30.	16.	23.	4.796	16.9	19.25	28.5	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	9	8.	7.889	15.	3.	12.611	3.551	3.	5.	10.	15.
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	10	8.5	8.48	8.8	8.	0.046	0.215	8.03	8.45	8.55	8.79
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	10	8.5	8.425	8.8	8.	0.05	0.223	8.03	8.45	8.55	8.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	10	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.004	0.01
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	12	975.	1114.583	2400.	13.	1217365.72	1103.343	16.9	32.5	2400.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	12	2.874	2.514	3.38	1.114	0.836	0.914	1.204	1.496	3.38	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			326.401								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	11	170.	528.273	2400.	4.	630411.818	793.985	5.8	15.	920.	2240.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	11	2.23	2.099	3.38	0.602	0.818	0.904	0.704	1.176	2.964	3.345
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			125.694								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	11	170.	528.273	2400.	4.	630411.818	793.985	5.8	15.	920.	2240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	11	2.23	2.099	3.38	0.602	0.818	0.904	0.704	1.176	2.964	3.345
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			125.694								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	11	23.	23.273	30.	16.	24.418	4.941	16.2	17.	28.	29.6
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	9	10.	11.111	25.	5.	29.861	5.465	5.	10.	10.	25.
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	11	8.5	8.409	8.5	8.	0.041	0.202	8.	8.5	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	11	8.5	8.356	8.5	8.	0.044	0.21	8.	8.5	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	11	0.003	0.004	0.01	0.003	0.	0.003	0.003	0.003	0.003	0.01
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	12	295.	889.	2400.	23.	997472.909	998.736	44.6	165.	2200.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	12	2.462	2.604	3.38	1.362	0.408	0.638	1.547	2.205	3.336	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			401.747								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	11	79.	190.182	920.	1.	81874.964	286.138	3.4	13.	180.	844.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/14/71-12/16/75	11	1.898	1.769	2.964	0.	0.698	0.835	0.223	1.114	2.255	2.918
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			58.744								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	11	79.	190.182	920.	1.	81874.964	286.138	3.4	13.	180.	844.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	11	1.898	1.769	2.964	0.	0.698	0.835	0.223	1.114	2.255	2.918
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			58.744								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	12	22.5	23.167	30.	12.	29.424	5.424	13.8	20.	28.75	29.7
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	12	10.	11.	18.	5.	14.909	3.861	5.9	8.	15.	17.1
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	12	8.5	8.475	8.7	8.	0.026	0.16	8.15	8.5	8.5	8.64
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	12	8.5	8.44	8.7	8.	0.027	0.164	8.15	8.5	8.5	8.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	12	0.003	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.003	0.008
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	12	149.5	911.333	2400.	1.	1270983.152	1127.379	1.3	16.5	2400.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	12	2.12	2.119	3.38	0.	1.506	1.227	0.09	1.161	3.38	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			131.591								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	12	20.	603.	2400.	1.	914352.545	956.218	1.3	11.	1335.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	12	1.296	1.755	3.38	0.	1.44	1.2	0.09	1.041	3.086	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			56.85								

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

Annual Analysis for 1977 - Station DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	11	23.	21.455	29.	11.	33.273	5.768	11.4	17.	26.	28.6
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	12	0.	2.417	10.	0.	15.538	3.942	0.	0.	4.75	10.
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	12	8.5	8.483	8.7	8.2	0.023	0.153	8.2	8.5	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	12	8.5	8.457	8.7	8.2	0.024	0.155	8.2	8.5	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	12	0.003	0.003	0.006	0.002	0.	0.001	0.002	0.003	0.003	0.006
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	12	41.	276.417	2400.	8.	468697.356	684.615	8.	15.	76.75	1842.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	12	1.604	1.714	3.38	0.903	0.531	0.729	0.903	1.166	1.884	3.186
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			51.745								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	12	6.5	231.333	2400.	2.	471113.697	686.377	2.	2.5	63.5	1752.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	12	0.801	1.143	3.38	0.301	0.916	0.957	0.301	0.376	1.731	3.08
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.888								

** - Less than 9 observations ## - Computed with 50% or 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 DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	11	24.5	24.273	31.5	16.	36.718	6.06	16.2	17.	30.	31.4
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	11	4.	3.091	6.	0.	4.291	2.071	0.	0.	4.	5.6
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	11	8.5	8.409	8.9	8.	0.067	0.259	8.04	8.2	8.5	8.86
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	11	8.5	8.344	8.9	8.	0.072	0.268	8.04	8.2	8.5	8.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	11	0.003	0.005	0.01	0.001	0.	0.003	0.001	0.003	0.006	0.009
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	11	32.	110.	920.	2.	72521.8	269.299	3.2	17.	49.	750.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	11	1.505	1.473	2.964	0.301	0.42	0.648	0.421	1.23	1.69	2.74
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.694								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	11	5.	10.182	49.	1.	181.964	13.489	1.	4.	13.	41.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	11	0.699	0.766	1.69	0.	0.235	0.485	0.	0.602	1.114	1.575
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.831								

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

Annual Analysis for 1979 - Station DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	12	23.75	23.458	30.5	13.5	31.066	5.574	14.25	19.125	28.	30.35
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	11	8.	6.818	15.	0.	19.364	4.4	0.	4.	10.	14.
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	11	8.5	8.464	8.7	8.2	0.021	0.143	8.2	8.5	8.5	8.66
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	11	8.5	8.44	8.7	8.2	0.021	0.145	8.2	8.5	8.5	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	11	0.003	0.004	0.006	0.002	0.	0.001	0.002	0.003	0.003	0.006
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	12	59.5	82.25	280.	2.	7762.023	88.102	2.	15.25	122.5	262.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	12	1.768	1.576	2.447	0.301	0.494	0.703	0.301	1.171	2.071	2.416
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.655								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	12	17.5	24.25	110.	1.	877.295	29.619	1.3	5.75	33.	86.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	12	1.228	1.102	2.041	0.	0.33	0.574	0.09	0.75	1.519	1.885
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.641								

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

Annual Analysis for 1980 - Station DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	6	24.75	22.917	29.	15.	42.742	6.538	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	6	6.	5.833	15.	0.	31.367	5.601	**	**	**	**
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	6	8.19	8.247	8.5	8.	0.044	0.209	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	6	8.189	8.207	8.5	8.	0.046	0.214	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	6	0.006	0.006	0.01	0.003	0.	0.003	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	6	39.5	107.167	280.	31.	12629.367	112.38	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	6	1.591	1.83	2.447	1.491	0.196	0.443	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			67.627								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	6	13.5	14.333	23.	8.	27.067	5.203	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	6	1.13	1.133	1.362	0.903	0.025	0.157	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.577								

** - 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

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	21	28.	27.857	31.5	22.	4.904	2.214	25.	26.5	29.75	30.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	19	5.	5.684	25.	0.	42.45	6.515	0.	0.	8.	18.
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	20	8.5	8.398	8.8	8.	0.055	0.234	8.	8.17	8.5	8.68
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	20	8.5	8.334	8.8	8.	0.059	0.243	8.	8.17	8.5	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	20	0.003	0.005	0.01	0.002	0.	0.003	0.002	0.003	0.007	0.01
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	21	70.	475.076	2400.	0.2	573899.15	757.561	0.2	17.5	940.	1600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	21	1.845	1.67	3.38	-0.699	1.783	1.335	-0.699	0.91	2.826	3.204
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.803								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	21	11.	170.267	2400.	0.2	275694.281	525.066	0.2	2.5	64.	466.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	21	1.041	1.089	3.38	-0.699	1.235	1.111	-0.699	0.301	1.794	2.632
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.261								

** - 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: 10/20 to 4/30 - Station DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	55	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	53	20.	19.226	25.5	11.	14.352	3.788	13.2	16.5	22.5	24.
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	46	8.	7.152	15.	0.	21.599	4.647	0.	4.	10.	15.
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	53	8.5	8.4	8.9	8.	0.048	0.218	8.	8.25	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	53	8.5	8.341	8.9	8.	0.051	0.226	8.	8.25	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	53	0.003	0.005	0.01	0.001	0.	0.003	0.003	0.003	0.006	0.01
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	52	70.	781.412	2400.	0.2	1144512.499	1069.819	8.	26.25	2400.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	52	1.845	2.068	3.38	-0.699	1.142	1.069	0.903	1.419	3.38	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			116.958								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	50	23.	481.324	2400.	0.2	680068.498	824.663	2.2	10.25	540.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	50	1.362	1.707	3.38	-0.699	1.185	1.089	0.331	1.007	2.732	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			50.891								

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/14/71-09/23/80	25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/72-09/23/80	23	28.	27.891	31.	25.	3.704	1.924	25.	26.	30.	30.3
00035	WIND VELOCITY (MILES PER HOUR)	07/25/72-09/23/80	19	5.	6.211	15.	0.	16.398	4.049	0.	4.	10.	10.
00400	PH (STANDARD UNITS)	01/23/72-09/23/80	23	8.5	8.405	8.7	7.5	0.065	0.254	8.08	8.3	8.5	8.62
00400	CONVERTED PH (STANDARD UNITS)	01/23/72-09/23/80	23	8.5	8.295	8.7	7.5	0.077	0.278	8.08	8.3	8.5	8.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/72-09/23/80	23	0.003	0.005	0.032	0.002	0.	0.006	0.002	0.003	0.005	0.009
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/14/71-09/23/80	25	95.	408.64	2400.	1.	450308.74	671.05	2.	19.	540.	1512.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/14/71-09/23/80	25	1.978	1.925	3.38	0.	0.908	0.953	0.301	1.276	2.732	3.13
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			84.212								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	25	14.	243.36	2400.	1.	429293.157	655.205	1.6	4.5	120.	1170.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/14/71-09/23/80	25	1.146	1.348	3.38	0.	0.904	0.951	0.181	0.651	2.078	2.879
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.294								

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

Station Inventory for Station: DESO0049

NPS Station ID: DESO0049 | LAT/LON: 27.495920/ -82.664642 | Agency: 21FLA | Date Created: / /
Location: PALM SOLA FLAMINGO CAY SW CORNER | FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 24010305
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03100201 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: TAMPA BAY AREA | ECO Region:
RF1 Index: 03100201014 | RF1 Mile Point: 3.310 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03100202000801.13 | RF3 Mile Point: 1.12 | Distance from RF3: 0.02 | On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER: BAY, PALMA SOLA PALM SOLA - FLAMINGO CAY, SOUTHWEST CORNER, SAMPLE PICKED ON SOUTHWESTERN MOST CANAL. MANATEE COUNTY. WS85

Parameter Inventory for Station: DESO0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/67-02/22/72	44	0.	0.182	5.	0.	0.757	0.87	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/71-02/22/72	2	16.	16.	18.	14.	8.	2.828	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/12/67-10/10/67	4	24.75	25.125	28.8	22.2	9.262	3.043	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/10/72-02/10/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/67-02/22/72	43	6.	52.581	1600.	1.	59208.821	243.329	1.	2.	17.	49.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/67-02/22/72	43	0.778	0.841	3.204	0.	0.473	0.688	0.	0.301	1.23	1.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.934								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-02/22/72	27	4.	9.185	49.	1.	179.695	13.405	1.	1.	11.	30.6
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/28/69-02/22/72	27	0.602	0.602	1.69	0.	0.312	0.558	0.	0.	1.041	1.47
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.996								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-02/22/72	27	4.	9.185	49.	1.	179.695	13.405	1.	1.	11.	30.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/28/69-02/22/72	27	0.602	0.602	1.69	0.	0.312	0.558	0.	0.	1.041	1.47
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.996								

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

EPA Water Quality Criteria Analysis for Station: DESO0049

				Total	Exceed	Prop.	----------8/01-10/19----------			----------10/20-4/30----------			----------5/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	43	1	0.02	11	0	0.00	23	1	0.04	9	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	27	0	0.00	4	0	0.00	17	0	0.00	6	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	27	0	0.00	4	0	0.00	17	0	0.00	6	0	0.00			

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

Station Inventory for Station: DESO0050

NPS Station ID: DESO0050
LAT/LON: 27.555559/ -82.665005
Agency: 112WRD
Date Created: 11/18/75
Location: TAMPA BAY,FLA Q -14.5 HX
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 273320082395400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/22/71-10/22/71	3	7.	7.667	15.	1.	49.333	7.024	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/71-10/22/71	3	26.4	26.4	26.5	26.3	0.01	0.1	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/22/71-10/22/71	3	2.1	2.867	4.7	1.8	2.543	1.595	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/71-10/22/71	3	48000.	47333.333	48000.	46000.	1333333.333	1154.701	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/22/71-10/22/71	3	7.6	7.533	8.4	6.6	0.813	0.902	**	**	**	**
00400	PH (STANDARD UNITS)	10/22/71-10/22/71	3	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/22/71-10/22/71	3	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/71-10/22/71	3	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/22/71-10/22/71	1	0.73	0.73	0.73	0.73	0.	0.	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/22/71-10/22/71	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/22/71-10/22/71	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/22/71-10/22/71	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/22/71-10/22/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/22/71-10/22/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/22/71-10/22/71	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/22/71-10/22/71	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/22/71-10/22/71	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	10/22/71-10/22/71	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	10/22/71-10/22/71	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	10/22/71-10/22/71	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/22/71-10/22/71	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/22/71-10/22/71	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/22/71-10/22/71	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	10/22/71-10/22/71	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/22/71-10/22/71	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/22/71-10/22/71	3	16600.	16700.	17100.	16400.	130000.	360.555	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/22/71-10/22/71	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/22/71-10/22/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/22/71-10/22/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/22/71-10/22/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/22/71-10/22/71	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	10/22/71-10/22/71	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DESO0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 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.	3	0	0.00				3	0	0.00						
00400	PH	Marine Chronic	8.5	3	0	0.00				3	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00				3	0	0.00						

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

Station Inventory for Station: DESO0051

NPS Station ID: DESO0051
LAT/LON: 27.515281/ -82.666115
Agency: 112WRD
Date Created: 11/18/75
Location: TAMPA BAY,FLA 5-03 BX
FIPS State/County: 12057 FLORIDA/HILLSBOROUGH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 273655082395800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03100206104500.00
RF3 Mile Point: 0.00
Distance from RF3: 1.03
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/73-03/13/73	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/13/73-03/13/73	1	49000.	49000.	49000.	49000.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/73-03/13/73	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/13/73-03/13/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/13/73-03/13/73	1	18000.	18000.	18000.	18000.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	03/13/73-03/13/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/13/73-03/13/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DESO0051

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: DESO0052

NPS Station ID: DESO0052
LAT/LON: 27.533059/ -82.666671
Agency: 21FLA
Date Created: 07/16/83
Location: MANATEE R. AT MARKER 6
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 24010342
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 11
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: TAMPA BAY AREA
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 03100206089500.00
RF3 Mile Point: 2.12
Distance from RF3: 0.26
On/Off RF3:
Description:
SEGMENT 24.1BA BODY OF WATER' RIVER, MANATEE STATION LOCATED AT CHANNEL MARKER ?6?

Parameter Inventory for Station: DESO0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/16/82-03/07/84	224	6.	6.156	17.	0.	17.424	4.174	1.	2.	9.	12.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/83-03/07/84	146	27.9	25.416	32.5	14.2	30.888	5.558	16.17	19.3	29.9	31.
00017	THERMAL DISCHARGE (MILLIONS OF BTUS PER DAY)	06/28/83-06/28/83	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/25/83-03/07/84	49	12.5	12.561	17.9	0.001	6.783	2.604	10.2	11.4	14.35	15.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/25/83-01/18/84	21	6.5	6.333	10.5	2.5	5.404	2.325	2.9	4.15	8.2	9.56
00080	COLOR (PLATINUM-COBALT UNITS)	05/25/83-03/07/84	52	8.5	13.673	55.	4.	153.715	12.398	6.	7.	12.75	33.9
00100	TIME OF TRAVEL (HOURS)	09/20/83-09/20/83	1	28.3	28.3	28.3	28.3	0.	0.	**	**	**	**
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	05/25/83-09/21/83	87	250.	519.257	4500.	6.9	520238.497	721.276	32.	79.2	670.	1392.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/16/82-03/07/84	145	6.7	6.81	9.1	4.4	1.26	1.122	5.2	6.2	7.75	8.2
00400	PH (STANDARD UNITS)	08/16/82-03/07/84	135	8.2	8.124	8.6	6.8	0.089	0.298	7.65	8.	8.32	8.4
00400	CONVERTED PH (STANDARD UNITS)	08/16/82-03/07/84	135	8.2	7.972	8.6	6.8	0.112	0.335	7.65	8.	8.32	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/82-03/07/84	135	0.006	0.011	0.158	0.003	0.	0.016	0.004	0.005	0.01	0.022
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/83-03/07/84	53	115.	112.528	119.	87.	54.562	7.387	97.4	111.5	118.	119.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	05/25/83-03/07/84	52	0.46	0.466	1.14	0.03	0.05	0.224	0.152	0.343	0.597	0.797
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/83-03/07/84	51 ##	0.005	0.021	0.45	0.005	0.004	0.064	0.005	0.005	0.01	0.048
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/83-03/07/84	52	0.004	0.006	0.04	0.001	0.	0.008	0.001	0.002	0.006	0.017
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/25/83-03/07/84	52	0.124	0.131	0.227	0.066	0.001	0.039	0.088	0.108	0.147	0.198
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/83-10/20/83	34	10.25	12.768	32.	2.3	59.59	7.719	4.45	6.875	18.075	24.4
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/25/83-03/07/84	52	7.	8.667	26.3	2.1	33.661	5.802	2.73	4.425	10.5	18.24
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/14/83-03/07/84	18	3.4	3.394	5.6	1.9	1.082	1.04	1.99	2.4	3.95	4.88
70225	CURRENT SPEED (METERS/SEC)	05/25/83-03/07/84	93	0.3	0.293	0.7	0.06	0.021	0.146	0.1	0.2	0.4	0.5
70226	CURRENT DIRECTION (DEGREES FROM TRUE NORTH)	05/25/83-03/07/84	93	265.	211.247	325.	15.	7924.058	89.017	105.	120.	285.	293.
70305	SALINITY BASED ON CONDUCTIVITY	05/25/83-03/07/84	147	30.7	29.458	33.8	17.6	13.299	3.647	24.88	27.8	32.	33.
80080	BOD, CARBONACEOUS, 1 DAY, 20 DEG C MG/L	05/25/83-03/07/84	50	0.4	0.436	1.1	0.	0.051	0.227	0.2	0.3	0.6	0.79
80081	BOD, CARBONACEOUS, 3 DAY, 20 DEG C MG/L	05/25/83-03/07/84	52	0.85	0.919	2.4	0.3	0.224	0.474	0.4	0.625	1.075	1.6
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/25/83-03/07/84	52	1.1	1.306	3.7	0.4	0.493	0.702	0.6	0.9	1.5	2.27
80083	BOD, CARBONACEOUS, 7 DAY, 20 DEG C MG/L	05/25/83-03/07/84	52	1.4	1.59	4.	0.6	0.616	0.785	0.8	1.1	1.95	2.7
80084	BOD, CARBONACEOUS, 10 DAY, 20 DEG C MG/L	05/25/83-03/07/84	52	1.7	1.969	4.9	0.8	0.816	0.903	1.	1.3	2.3	3.32
80085	BOD, CARBONACEOUS, 12 DAY, 20 DEG C MG/L	05/25/83-03/07/84	52	1.85	2.129	5.2	0.8	0.895	0.946	1.06	1.425	2.6	3.38
80086	BOD, CARBONACEOUS, 15 DAY, 20 DEG C MG/L	05/25/83-03/07/84	52	2.2	2.329	5.5	1.	1.048	1.024	1.2	1.425	2.85	3.71
80087	BOD, CARBONACEOUS, 20 DAY, 20 DEG C MG/L	05/25/83-03/07/84	52	2.45	2.587	5.9	1.2	1.272	1.128	1.3	1.625	3.075	4.14

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

EPA Water Quality Criteria Analysis for Station: DESO0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	145	0	0.00	33	0	0.00	61	0	0.00	51	0	0.00			
00400	PH	Marine Chronic	8.5	135	3	0.02	33	0	0.00	62	3	0.05	40	0	0.00			
		Other-Lo Lim.	6.5	135	0	0.00	33	0	0.00	62	0	0.00	40	0	0.00			

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

Station Inventory for Station: DESO0053

NPS Station ID: DESO0053
LAT/LON: 27.487226/ -82.666671
Agency: 21FLMML
Date Created: 04/11/98
Location: PERICO BAYOU - @ MOUTH NR PVTMARK #8
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/SOLIDS
STORET Station ID(s): 272914082400000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100201
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100201
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	2	0.545	0.545	0.79	0.3	0.12	0.346	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	2 ##	0.026	0.026	0.05	0.003	0.001	0.034	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	2	1.665	1.665	2.19	1.14	0.551	0.742	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	2 ##	0.325	0.325	0.6	0.05	0.151	0.389	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	2	1049.	1049.	1290.	808.	116162.	340.825	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	19.75	19.75	37.	2.5	595.125	24.395	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	1	77.1	77.1	77.1	77.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DESO0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	2 ##	0.003	0.003	0.004	0.001	0.	0.002	**	**	**	**
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	1	20.1	20.1	20.1	20.1	0.	0.	**	**	**	**
80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	1	47.9	47.9	47.9	47.9	0.	0.	**	**	**	**
80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	1	17.2	17.2	17.2	17.2	0.	0.	**	**	**	**
80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

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

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

Station Inventory for Station: DESO0054

NPS Station ID: DESO0054
LAT/LON: 27.533003/ -82.666837
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP North Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 435
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/27/95-10/12/98	11	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/95-10/12/98	11	23.	23.455	32.	16.	34.073	5.837	16.2	18.	29.	31.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/27/95-10/12/98	10	1.5	1.5	2.5	1.	0.278	0.527	1.	1.	2.	2.45
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/95-10/12/98	10	10.	19.	70.	10.	343.333	18.529	10.	10.	20.	65.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/27/95-10/12/98	11	40400.	40245.455	47100.	27400.	36754727.273	6062.568	28680.	36000.	45900.	46980.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/95-10/12/98	11	7.2	7.173	9.6	6.	1.146	1.071	6.	6.2	7.8	9.26
00400	PH (STANDARD UNITS)	11/27/95-10/12/98	11	8.1	8.109	8.3	8.	0.009	0.094	8.	8.	8.2	8.28
00400	CONVERTED PH (STANDARD UNITS)	11/27/95-10/12/98	11	8.1	8.1	8.3	8.	0.009	0.095	8.	8.	8.2	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/95-10/12/98	11	0.008	0.008	0.01	0.005	0.	0.002	0.005	0.006	0.01	0.01
00480	SALINITY - PARTS PER THOUSAND	11/27/95-10/12/98	11	26.	27.	33.	17.	22.2	4.712	18.	25.	31.	32.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/27/95-10/12/98	11	20.	20.545	34.	9.	67.273	8.202	9.2	11.	27.	33.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/95-10/12/98	10 ##	0.005	0.009	0.04	0.005	0.	0.011	0.005	0.005	0.006	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/27/95-10/12/98	11	0.05	0.039	0.09	0.006	0.001	0.027	0.007	0.01	0.05	0.086
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/27/95-10/12/98	11	0.587	0.541	0.841	0.225	0.035	0.188	0.24	0.384	0.693	0.813
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/27/95-10/12/98	11	0.01	0.022	0.09	0.005	0.001	0.029	0.005	0.005	0.02	0.086
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/27/95-10/12/98	11	0.162	0.165	0.309	0.005	0.008	0.088	0.019	0.11	0.233	0.3
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11/27/95-10/12/98	11	3.8	4.555	12.3	1.4	9.063	3.01	1.4	2.9	5.8	11.04
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	11/27/95-10/12/98	10	3.	3.2	4.	2.5	0.233	0.483	2.55	3.	3.625	4.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/27/95-10/12/98	11	1.9	2.264	8.2	0.8	4.273	2.067	0.84	1.1	2.5	7.08

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

EPA Water Quality Criteria Analysis for Station: DESO0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	0	0.00	1	0	0.00	7	0	0.00	3	0	0.00			
00400	PH	Marine Chronic	8.5	11	0	0.00	1	0	0.00	7	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	1	0	0.00	7	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	11	0	0.00	1	0	0.00	7	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: DESO0055

NPS Station ID: DESO0055
LAT/LON: 27.533003/ -82.666837
Agency: 21FLMANA
Date Created: 08/19/95
Location: MOUTH OF MANATEE RIVER
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TB-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:
AWP

Parameter Inventory for Station: DESO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	50	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/89-12/13/94	46	24.5	24.122	32.	14.	23.197	4.816	17.	20.	29.	30.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/01/89-12/13/94	38	2.1	2.057	3.4	1.07	0.434	0.658	1.1	1.5	2.625	3.
00080	COLOR (PLATINUM-COBALT UNITS)	01/01/89-12/13/94	48	20.	25.208	160.	5.	903.147	30.052	9.5	10.	30.	40.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	49	46000.	45701.02	57500.	32500.	19367967.687	4400.905	40800.	43150.	47900.	51900.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/01/89-12/13/94	42	7.65	7.631	10.6	4.5	2.54	1.594	5.29	6.575	8.7	9.8
00311	BOD, DISSOLVED, 5 DAY MG/L	01/01/89-12/13/94	44	1.75	1.907	5.1	0.6	0.797	0.893	0.7	1.4	2.475	2.85
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	48	8.1	8.097	8.5	7.1	0.057	0.238	7.89	8.	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	48	8.1	8.005	8.5	7.1	0.065	0.256	7.89	8.	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	48	0.008	0.01	0.079	0.003	0.	0.011	0.004	0.006	0.01	0.013
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	49	15.	17.082	60.	2.	97.785	9.889	9.	11.	21.	31.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/01/89-12/13/94	36	5.	6.	12.	2.	7.714	2.777	3.	4.	8.	10.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/01/89-12/13/94	43 ##	0.005	0.045	1.31	0.005	0.039	0.198	0.005	0.005	0.025	0.034
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	50	0.05	0.051	0.28	0.005	0.003	0.052	0.01	0.02	0.05	0.08
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/01/89-12/13/94	44	0.33	0.323	1.11	0.	0.06	0.245	0.025	0.108	0.46	0.574
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	50	0.04	0.047	0.3	0.001	0.003	0.056	0.006	0.02	0.05	0.08
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/01/89-04/26/94	41	17500.	17925.78	33490.	14000.	10562798.476	3250.046	15040.	16100.	18550.	19660.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/01/90-04/29/91	4 ##	1.5	4.25	13.	1.	34.25	5.852	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/01/90-04/29/91	4 ##	0.151	0.354	1.114	0.	0.277	0.526	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.258								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/01/89-12/13/94	43	3.9	6.584	54.2	0.5	100.415	10.021	0.5	1.29	5.58	16.18
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	29	0.5	4.277	27.7	0.	54.58	7.388	0.	0.405	4.825	18.84
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/01/90-12/13/94	29	2.66	9.662	42.1	0.	122.741	11.079	0.2	0.5	17.425	23.6
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/01/90-07/13/92	12	0.5	4.436	30.44	0.	81.289	9.016	0.	0.125	3.605	25.313
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/01/89-12/13/94	42	2.285	28.284	163.4	0.5	2081.778	45.627	0.5	0.5	39.138	107.18
70305	SALINITY BASED ON CONDUCTIVITY	01/01/89-09/06/94	42	30.	29.652	38.7	21.	10.287	3.207	25.	28.2	31.25	33.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/01/89-12/13/94	44	0.17	0.227	1.6	0.04	0.067	0.259	0.07	0.1	0.228	0.525
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/01/89-12/13/94	48	2.15	2.248	4.5	0.2	1.157	1.076	1.09	1.4	2.6	4.21

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

EPA Water Quality Criteria Analysis for Station: DESO0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	42	0	0.00	5	0	0.00	28	0	0.00	9	0	0.00			
00400	PH	Marine Chronic	8.5	48	2	0.04	8	1	0.13	29	1	0.03	11	0	0.00			
		Other-Lo Lim.	6.5	48	0	0.00	8	0	0.00	29	0	0.00	11	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	0	0.00	1	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	48	0	0.00	8	0	0.00	29	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 1989 - Station DESO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	10	47300.	47140.	51900.	42500.	5811555.556	2410.717	42770.	45800.	48075.	51570.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.1	7.956	8.4	7.1	0.155	0.394	7.1	7.75	8.25	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.1	7.753	8.4	7.1	0.202	0.449	7.1	7.75	8.25	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.008	0.018	0.079	0.004	0.001	0.024	0.004	0.006	0.018	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	10	20.	18.2	37.	5.	82.622	9.09	5.	12.5	21.	35.4
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	10	0.05	0.082	0.28	0.007	0.011	0.106	0.007	0.018	0.108	0.28
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	10	0.025	0.077	0.3	0.001	0.014	0.119	0.001	0.007	0.113	0.3

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

Annual Analysis for 1990 - Station DESO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	9	45400.	45716.667	49100.	42800.	4656250.	2157.835	42800.	43850.	47550.	49100.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.1	8.111	8.4	7.9	0.034	0.183	7.9	7.9	8.25	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.1	8.078	8.4	7.9	0.035	0.187	7.9	7.9	8.25	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.008	0.008	0.013	0.004	0.	0.003	0.004	0.006	0.013	0.013
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	9	17.	19.	37.	2.	113.5	10.654	2.	11.5	27.5	37.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	9	0.05	0.059	0.09	0.05	0.	0.015	0.05	0.05	0.07	0.09
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	9	0.05	0.048	0.08	0.002	0.001	0.025	0.002	0.03	0.07	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 box-and-whisker plot

Annual Analysis for 1991 - Station DESO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	9	43300.	43022.222	48600.	32500.	24131944.444	4912.428	32500.	41000.	47050.	48600.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.1	8.15	8.4	8.	0.016	0.127	8.	8.05	8.225	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	9	8.1	8.134	8.4	8.	0.017	0.129	8.	8.05	8.225	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	9	0.008	0.007	0.01	0.004	0.	0.002	0.004	0.006	0.009	0.01
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	9	13.	15.	23.	9.	20.	4.472	9.	12.	18.5	23.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	9	0.05	0.043	0.08	0.005	0.001	0.026	0.005	0.02	0.065	0.08
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	9	0.05	0.044	0.08	0.006	0.001	0.026	0.006	0.02	0.065	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 box-and-whisker plot

Annual Analysis for 1992 - Station DESO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	6	46050.	44216.667	49000.	36200.	23057666.667	4801.84	**	**	**	**
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	6	8.05	8.05	8.1	8.	0.003	0.055	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	6	8.047	8.047	8.1	8.	0.003	0.055	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	6	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	7	12.	13.571	22.	11.	14.286	3.78	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	7	0.05	0.043	0.1	0.01	0.001	0.031	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	7	0.03	0.029	0.05	0.002	0.	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 box-and-whisker plot

Annual Analysis for 1993 - Station DESO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	5	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	5	44100.	45120.	51000.	41500.	12692000.	3562.583	**	**	**	**
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	5	8.2	8.12	8.5	7.6	0.117	0.342	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	5	8.2	8.003	8.5	7.6	0.134	0.366	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	5	0.006	0.01	0.025	0.003	0.	0.009	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	5	11.	11.4	21.	4.	38.3	6.189	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	5	0.04	0.04	0.05	0.03	0.	0.01	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	5	0.04	0.04	0.05	0.03	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 1994 - Station DESO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/89-12/13/94	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/01/89-12/13/94	10	47150.	47840.	57500.	38500.	37227111.111	6101.402	38850.	42000.	53025.	57120.
00400	PH (STANDARD UNITS)	01/01/89-12/13/94	10	8.2	8.18	8.5	7.9	0.028	0.169	7.91	8.075	8.3	8.48
00400	CONVERTED PH (STANDARD UNITS)	01/01/89-12/13/94	10	8.2	8.151	8.5	7.9	0.029	0.171	7.91	8.075	8.3	8.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/89-12/13/94	10	0.006	0.007	0.013	0.003	0.	0.003	0.003	0.005	0.008	0.012
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/89-12/13/94	9	17.	21.889	60.	10.	262.861	16.213	10.	10.5	28.	60.
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/01/89-12/13/94	10	0.03	0.032	0.05	0.01	0.	0.015	0.011	0.02	0.05	0.05
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/01/89-12/13/94	10	0.035	0.034	0.05	0.01	0.	0.016	0.011	0.02	0.05	0.05

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

Station Inventory for Station: DESO0056

NPS Station ID: DESO0056
LAT/LON: 27.491392/ -82.668337
Agency: 21FLMML
Date Created: 04/11/98
Location: PERIOC BAYOU - W OF CHNL NR PVTMARK #12
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/SOLIDS
STORET Station ID(s): 272929082400600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100201
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100201
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	2	0.625	0.625	1.08	0.17	0.414	0.643	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	2 ##	0.026	0.026	0.05	0.003	0.001	0.034	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	2	0.965	0.965	1.08	0.85	0.026	0.163	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	2 ##	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	2	1.5	1.5	2.3	0.7	1.28	1.131	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	2	981.5	981.5	1210.	753.	104424.5	323.148	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.006	0.006	0.01	0.003	0.	0.005	**	**	**	**
50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.006	0.006	0.01	0.003	0.	0.005	**	**	**	**
50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	1	77.3	77.3	77.3	77.3	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DESO0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	1	77.1	77.1	77.1	77.1	0.	0.	**	**	**	**
80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

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

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

Station Inventory for Station: DESO0057

NPS Station ID: DESO0057
LAT/LON: 27.495004/ -82.668615
Agency: 21FLMML
Date Created: 04/11/98
Location: PERICO BAYOU - S OF SR64 NR PVTMARK #15
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/SOLIDS
STORET Station ID(s): 272942082400700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100201
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100201
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	2 ##	0.602	0.602	1.18	0.025	0.667	0.817	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	2 ##	0.026	0.026	0.05	0.003	0.001	0.034	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	2	0.75	0.75	0.76	0.74	0.	0.014	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	2	1.05	1.05	1.6	0.5	0.605	0.778	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	2	861.	861.	1140.	582.	155682.	394.566	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	1	75.7	75.7	75.7	75.7	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DESO0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	2	0.005	0.005	0.007	0.003	0.	0.003	**	**	**	**
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	1	77.4	77.4	77.4	77.4	0.	0.	**	**	**	**
80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	1	15.4	15.4	15.4	15.4	0.	0.	**	**	**	**
80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

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

Station Inventory for Station: DESO0058

NPS Station ID: DESO0058
LAT/LON: 27.497781/ -82.668615
Agency: 21FLMML
Date Created: 04/11/98
Location: PERICO BAYOU - NR SR64 PERICO ISLND MANATEE CTY
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/TISSUE
STORET Station ID(s): 272952082400700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100201
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100201
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04377	FECAL STREPTOCOCCI, 5 TUBE, SHELLFISH MPN	04/26/90-10/29/90	4 ##	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/26/90-10/29/90	2 ##	16.75	16.75	32.	1.5	465.125	21.567	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/26/90-10/29/90	2 ##	0.841	0.841	1.505	0.176	0.883	0.94	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.928								
31520	COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35C	04/26/90-10/29/90	4	32.	32.375	64.	1.5	651.229	25.519	**	**	**	**
31520	LOG COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,3	04/26/90-10/29/90	4	1.505	1.248	1.806	0.176	0.531	0.729	**	**	**	**
31520	GM COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35	GEOMETRIC MEAN =			17.707								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/26/90-04/26/90	1	118.	118.	118.	118.	0.	0.	**	**	**	**
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	04/26/90-04/26/90	1	2.072	2.072	2.072	2.072	0.	0.	**	**	**	**
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			118.								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/26/90-10/29/90	2 ##	16.8	16.8	32.	1.6	462.08	21.496	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	04/26/90-10/29/90	2 ##	0.855	0.855	1.505	0.204	0.846	0.92	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.155								
31629	AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/100ML	04/26/90-10/29/90	2 ##	8.75	8.75	16.	1.5	105.125	10.253	**	**	**	**
31629	LOG AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/10	04/26/90-10/29/90	2 ##	0.69	0.69	1.204	0.176	0.528	0.727	**	**	**	**
31629	GM AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/100	GEOMETRIC MEAN =			4.899								
31634	VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	8.75	8.75	16.	1.5	105.125	10.253	**	**	**	**
31634	LOG VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	0.69	0.69	1.204	0.176	0.528	0.727	**	**	**	**
31634	GM VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	GEOMETRIC MEAN =			4.899								
31640	FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	04/26/90-10/29/90	4	32.	24.375	32.	1.5	232.563	15.25	**	**	**	**
31640	LOG FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	04/26/90-10/29/90	4	1.505	1.173	1.505	0.176	0.442	0.665	**	**	**	**
31640	GM FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	GEOMETRIC MEAN =			14.89								
31675	FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 31676)	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31675	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 3167	04/26/90-10/29/90	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31675	GM FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 31676	GEOMETRIC MEAN =			1.5								
31748	STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	04/26/90-10/29/90	2	655.	655.	1100.	210.	396050.	629.325	**	**	**	**
31748	LOG STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	04/26/90-10/29/90	2	2.682	2.682	3.041	2.322	0.259	0.509	**	**	**	**
31748	GM STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	GEOMETRIC MEAN =			480.625								
50841	AVERAGE SHELL LENGTH CM	04/26/90-10/29/90	4	5.45	5.5	6.3	4.8	0.393	0.627	**	**	**	**
50842	ARSENIC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	1.3	2.088	5.5	0.25	5.661	2.379	**	**	**	**
50843	MERCURY IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	0.17	0.165	0.19	0.13	0.001	0.03	**	**	**	**
50844	ALPHA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50845	BETA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50847	ACENAPHTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50848	ACENAPHTHYLENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50849	BENZO(A)ANTHRACENE IN SHELLFISH TISDRY WEIGHTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50850	BENZO(A)PYRENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50851	BENZO(K)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	04/26/90-10/29/90	4 ##	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

Parameter Inventory for Station: DESO0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
50852	BENZO(B)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50853	DIBENZO(A,H)ANTHRACENE IN SHELLFSH TIS DRYWGTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50854	FLUORENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50855	NAPHTHALENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50856	ANTHRACENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50857	BENZO(GHI)PERYLENE IN SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	4 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
50858	CHRYSENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.012	0.025	0.008	0.	0.009	**	**	**	**
50859	FLUORANTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50860	INDENO(1,2,3-CD)PYRENE IN SHELLFSH TIS DRYWGTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50861	PHENANTHRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50862	PYRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50863	2-METHYLNAPHTHALENE IN SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50864	PHENANTHRENE, 1-METHYL,SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50865	VIBRIO ALGINOLYTICUS, 3-TUBE WT TIS SHELFHMPN/100G	04/26/90-10/29/90	4	24.	24.	32.	16.	85.333	9.238	**	**	**	**
50866	VIBRIO CHOLERAE, 3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	4 ##	1.5	9.125	32.	1.5	232.563	15.25	**	**	**	**
50868	VIBRIO FLUVIALIS,3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50869	VIBRIO HOLLISAE,3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50870	VIBRIO METSCHNIKOVII,3-TUBE WET TIS SHELFHMPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50871	VIBRIO MIMICUS, 3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50872	VIBRIO VULNIFICUS,3-TUBE WET TIS SHELLFISHMPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50873	AEROMONAS HYDROPHILA,MF,MA AGAR,20H,WTIS35C #/100G	04/26/90-10/29/90	4	16.	16.375	32.	1.5	155.229	12.459	**	**	**	**
50874	AEROMONAS SOBRIA,MF,M-A AGAR,20HR, 35C #/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50875	VIBRIO ALGINOLYTICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	8.75	8.75	16.	1.5	105.125	10.253	**	**	**	**
50876	VIBRIO CHOLERAE, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50877	VIBRIO DAMSELA, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50878	VIBRIO FLUVIALIS, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50879	VIBRIO HOLLISAE, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50880	VIBRIO METSCHNIKOVII, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50881	VIBRIO MIMICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50882	VIBRIO VULNIFICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50883	AEROMONAS SOBRIA,MF,M-A AGAR,20 HR,35C #/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50884	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100G	04/26/90-04/26/90	1	64.	64.	64.	64.	0.	0.	**	**	**	**
50885	ECOLI,NA+MUG,4HRS,35C MPN/100G	04/26/90-04/26/90	1	32.	32.	32.	32.	0.	0.	**	**	**	**
50886	FECAL STREPTOCOCCI,KF BROTH,35C (TUBE 31676) /100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50887	STD PLATE COUNT,PLATE COUNT AGAR, 35C 48HR #/100G	04/26/90-04/26/90	1	1280.	1280.	1280.	1280.	0.	0.	**	**	**	**
50888	VIBRIO PARAHAEMOLYTICUS,3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50889	VIBRIO ALGINOLYTICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1	32.	32.	32.	32.	0.	0.	**	**	**	**
50890	VIBRIO CHOLERAE, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50891	VIBRIO DAMSELA, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50892	VIBRIO FLUVIALIS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50893	VIBRIO HOLLISAE, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50894	VIBRIO METSCHNIKOVII, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50895	VIBRIO MIMICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50896	VIBRIO VULNIFICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50897	AEROMONAS HYDROPHILA,MF,M-A AGAR,20HR,35CWTW#/100G	04/26/90-04/26/90	1	32.	32.	32.	32.	0.	0.	**	**	**	**
50898	AEROMONAS SOBRIA,MF,M-A AGAR,20HR,35C WETWGT#/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50902	O,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50903	O,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50904	O,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50905	ALPHA CHLORDANE IN SHELLFISH TISSUE DRY WGT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50906	CHLORPYRIFOS(DURSBAN) IN SHELLFISH TIS DRY WTUG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50907	NALED (DIBROM) IN SHELLFISH TISSUE DRY WEIGHTUG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50908	FICAM (BENDIOCARB) IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50919	STD PLATE COUNT, PLATE COUNT AGAR,35C 48HRMPN/100G	04/26/90-10/29/90	4	4600.	5575.	11000.	2100.	15969166.667	3996.144	**	**	**	**
50920	ECOLI:EMB,SIMMONS CITRATE,INDOLE. MPN/100G	04/26/90-10/29/90	4 ##	8.75	8.75	16.	1.5	70.083	8.372	**	**	**	**
50921	VIBRIO PARAHAEMOLYTICUS,3-TUBE TIS WT SHF MPN/100G	04/26/90-10/29/90	4 ##	8.75	8.75	16.	1.5	70.083	8.372	**	**	**	**
50922	ECOLI,NA+MUG,4 HOURS,35C,COL MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	1380.	1410.	1690.	1190.	48266.667	219.697	**	**	**	**
81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	0.6	0.575	0.7	0.4	0.016	0.126	**	**	**	**
81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	0.7	1.1	2.7	0.3	1.28	1.131	**	**	**	**
81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	56.8	60.	83.8	42.6	299.5	17.306	**	**	**	**

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Parameter Inventory for Station: DESO0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
85822	MOISTURE CONTENT, TISSUE, % OF TOTAL WET WEIGHT, %	04/26/90-10/29/90	4	79.8	79.875	81.2	78.7	1.109	1.053	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DESO0058

				Total	Exceed	Prop.	----------8/01-10/19----------			----------10/20-4/30----------			----------5/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00				2	0	0.00						

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

Station Inventory for Station: DESO0059

NPS Station ID: DESO0059 LAT/LON: 27.496115/ -82.669170 Agency: 21FLMML Date Created: 12/06/97
Location: PERICO BAYOU @ SR64 BRIDGE PERICO I. NEPWQ-8 FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 272946082400900
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	35	0.7	0.694	2.	0.3	0.157	0.396	0.3	0.3	0.7	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	26	24.5	24.569	35.	17.	31.68	5.628	17.	19.8	30.	31.5
00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	15	20.	31.067	99.	1.	1114.638	33.386	1.6	5.	40.	99.
00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	14	5.	5.321	10.	0.	16.293	4.036	0.	1.	10.	10.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-02/08/94	13	0.2	0.338	0.8	0.2	0.039	0.198	0.2	0.2	0.5	0.68
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	19	20.	22.368	40.	10.	92.69	9.628	10.	15.	30.	35.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/90-02/08/94	19	47210.	44892.632	48930.	7080.	86713531.579	9312.01	42490.	45470.	48300.	48720.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	25	6.9	6.088	8.8	2.	4.274	2.067	2.22	5.15	7.25	8.16
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	24	94.7	84.342	111.	31.8	742.374	27.247	33.55	65.625	105.625	109.6
00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	24	31.3	30.267	37.	3.9	35.795	5.983	28.1	29.8	31.975	34.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	19	14.	16.579	43.	5.	87.591	9.359	6.	10.	22.	29.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	19	6.	6.947	17.	2.	16.83	4.102	3.	4.	9.	16.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	18 ##	0.005	0.01	0.04	0.005	0.	0.011	0.005	0.005	0.005	0.031
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	19	0.92	0.963	2.2	0.4	0.182	0.427	0.48	0.58	1.27	1.38
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	19	0.02	0.026	0.07	0.005	0.001	0.023	0.005	0.005	0.05	0.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	19	0.15	0.156	0.33	0.05	0.004	0.064	0.07	0.12	0.17	0.27
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	14	24.75	26.493	39.6	20.	26.524	5.15	21.3	22.775	28.7	36.15
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	14	1.6	1.914	5.	0.3	1.575	1.255	0.45	1.175	2.525	4.3
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	17	8.3	9.276	42.1	0.7	97.653	9.882	0.7	2.4	12.	21.3
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	17	0.9	5.974	44.5	0.05	122.215	11.055	0.05	0.05	8.35	21.38
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	17	2.6	8.056	68.1	0.05	273.787	16.547	0.05	0.15	7.95	30.02
50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	19	0.05	0.053	0.13	0.005	0.001	0.033	0.005	0.03	0.06	0.12
50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	16	47350.	53241.25	169000.	9260.	1633795758.333	40420.239	12508.	24475.	60975.	134000.
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	11/14/90-08/03/93	3	1.67	2.18	3.52	1.35	1.372	1.171	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	19	2.8	3.468	7.3	1.6	2.582	1.607	1.9	2.6	4.1	6.6
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	16	0.2	0.344	0.8	0.2	0.037	0.193	0.2	0.2	0.5	0.66

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

EPA Water Quality Criteria Analysis for Station: DESO0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	25	5	0.20	6	2	0.33	12	0	0.00	7	3	0.43			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	19	0	0.00	5	0	0.00	9	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: DESO0060

NPS Station ID: DESO0060
LAT/LON: 27.552003/ -82.671698
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP North Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 428
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/27/95-11/16/98	13	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/95-11/16/98	13	25.	23.615	32.	15.	42.256	6.5	15.	17.	30.	32.
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/27/95-11/16/98	13	2.3	2.523	4.	1.5	0.565	0.752	1.7	2.	3.25	3.8
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/95-11/16/98	12	10.	10.417	20.	5.	11.174	3.343	6.5	10.	10.	17.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/27/95-11/16/98	13	45500.	44627.692	50000.	36660.	14855485.897	3854.282	37316.	42450.	47300.	49080.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/95-11/16/98	13	6.7	6.769	9.2	4.2	1.984	1.409	4.48	5.95	7.85	8.92
00400	PH (STANDARD UNITS)	11/27/95-11/16/98	12	8.05	8.092	8.3	8.	0.012	0.108	8.	8.	8.2	8.27
00400	CONVERTED PH (STANDARD UNITS)	11/27/95-11/16/98	12	8.047	8.08	8.3	8.	0.012	0.109	8.	8.	8.2	8.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/95-11/16/98	12	0.009	0.008	0.01	0.005	0.	0.002	0.005	0.006	0.01	0.01
00480	SALINITY - PARTS PER THOUSAND	11/27/95-11/16/98	13	30.	29.077	33.	23.	8.577	2.929	23.4	27.5	31.	32.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/27/95-11/16/98	12	23.5	21.667	39.	6.	115.333	10.739	6.6	10.25	30.5	36.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/95-11/16/98	12 ##	0.005	0.006	0.017	0.005	0.	0.004	0.005	0.005	0.005	0.015
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/27/95-11/16/98	12 ##	0.05	0.039	0.05	0.008	0.	0.017	0.009	0.023	0.05	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/27/95-11/16/98	13	0.46	0.455	0.705	0.239	0.02	0.142	0.249	0.33	0.544	0.681
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/27/95-11/16/98	13	0.006	0.016	0.05	0.005	0.	0.017	0.005	0.005	0.025	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/27/95-11/16/98	12	0.059	0.075	0.2	0.005	0.004	0.067	0.005	0.015	0.13	0.192
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11/27/95-11/16/98	12	2.65	3.217	9.8	0.7	6.391	2.528	0.85	1.525	4.075	8.63
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	11/27/95-11/16/98	13	4.5	4.615	5.5	4.	0.256	0.506	4.	4.	5.	5.3
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/27/95-11/16/98	13	1.6	1.715	2.6	1.	0.451	0.672	1.	1.	2.4	2.6

** - 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: DESO0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
00400	PH	Marine Chronic	8.5	12	0	0.00	2	0	0.00	7	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	7	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	13	0	0.00	3	0	0.00	7	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: DESO0061

NPS Station ID: DESO0061
LAT/LON: 27.542170/ -82.678671
Agency: 21FLA
Date Created: 10/04/97
Location: Red marker 2 East of station 50
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 48200SEAS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	209	0.5	5.95	16.	0.5	38.616	6.214	0.5	0.5	12.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	207	24.9	24.295	32.	13.6	25.248	5.025	17.8	19.6	28.9	30.24
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	111	10.	10.811	25.	1.	31.337	5.598	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	193	6.4	6.562	9.2	1.3	1.197	1.094	5.4	6.	7.2	8.1
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	108	8.2	8.114	8.5	7.6	0.045	0.213	7.8	8.	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	108	8.2	8.057	8.5	7.6	0.049	0.22	7.8	8.	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	108	0.006	0.009	0.025	0.003	0.	0.005	0.004	0.005	0.01	0.016
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	115	1.	5.435	170.	1.	301.704	17.37	1.	1.	2.	8.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	115	0.	0.29	2.23	0.	0.213	0.462	0.	0.	0.301	0.903
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.949								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	195	31.4	31.526	35.4	25.4	5.09	2.256	28.5	29.8	33.2	34.64
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	209	12.	12.574	17.	1.	4.775	2.185	10.	12.	15.	15.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	115	12.	15.503	220.	0.3	568.025	23.833	0.76	5.	19.	28.

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

EPA Water Quality Criteria Analysis for Station: DESO0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	193	3	0.02	43	1	0.02	99	0	0.00	51	2	0.04			
00403	PH, LAB	Marine Chronic	8.5	108	2	0.02	23	1	0.04	55	0	0.00	30	1	0.03			
		Other-Lo Lim.	6.5	108	0	0.00	23	0	0.00	55	0	0.00	30	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	115	5	0.04	25	0	0.00	59	5	0.08	31	0	0.00			

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

Annual Analysis for 1990 - Station DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	11	0.5	2.955	10.	0.5	17.073	4.132	0.5	0.5	8.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	10	27.85	25.9	31.4	15.1	34.538	5.877	15.12	23.475	29.4	31.35
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	7	8.	9.714	20.	5.	33.905	5.823	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	9	6.3	6.7	8.6	5.	1.92	1.386	5.	5.6	8.2	8.6
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	7	8.3	8.271	8.4	8.1	0.009	0.095	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	7	8.3	8.262	8.4	8.1	0.009	0.096	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	7	0.005	0.005	0.008	0.004	0.	0.001	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	7	1.	1.286	2.	1.	0.238	0.488	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	7	0.	0.086	0.301	0.	0.022	0.147	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.219								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	10	30.15	30.06	32.7	27.8	3.547	1.883	27.8	28.25	31.5	32.7
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	11	8.	7.636	10.	1.	11.655	3.414	1.	8.	10.	10.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	7	22.	20.143	33.	6.	77.476	8.802	**	**	**	**

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

Annual Analysis for 1991 - Station DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	19	0.5	4.368	15.	0.5	29.079	5.392	0.5	0.5	10.	13.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	19	26.4	24.563	30.9	17.9	25.066	5.007	18.	19.6	30.	30.
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	11	10.	9.636	20.	1.	32.255	5.679	1.8	5.	12.	19.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	13	6.2	6.654	8.7	5.6	1.189	1.091	5.6	5.85	7.5	8.66
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	12	8.25	8.283	8.5	8.1	0.014	0.119	8.13	8.2	8.4	8.47
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	12	8.247	8.269	8.5	8.1	0.014	0.12	8.13	8.2	8.4	8.47
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	12	0.006	0.005	0.008	0.003	0.	0.001	0.003	0.004	0.006	0.007
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	12	1.	1.917	5.	1.	2.265	1.505	1.	1.	2.	5.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	12	0.	0.192	0.699	0.	0.073	0.271	0.	0.	0.301	0.699
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.555								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	19	29.8	29.568	31.2	26.7	1.345	1.16	28.1	29.	30.6	31.2
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	19	10.	11.	15.	8.	4.444	2.108	8.	10.	13.	15.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	12	11.	11.583	17.	8.	8.265	2.875	8.	10.	13.5	16.7

** - 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 DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	14	0.5	4.	14.	0.5	33.192	5.761	0.5	0.5	12.	13.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	14	24.75	25.121	31.3	19.3	23.582	4.856	19.35	20.475	30.05	31.15
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	7	5.	8.714	20.	1.	44.905	6.701	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	14	7.	6.707	9.2	1.3	3.955	1.989	3.05	5.825	8.15	9.
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	10	8.2	8.21	8.5	8.1	0.012	0.11	8.1	8.175	8.2	8.47
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	10	8.2	8.199	8.5	8.1	0.012	0.111	8.1	8.175	8.2	8.47
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	10	0.006	0.006	0.008	0.003	0.	0.001	0.003	0.006	0.007	0.008
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	10	1.	2.	8.	1.	4.667	2.16	1.	1.	2.	7.4
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	10	0.	0.181	0.903	0.	0.085	0.291	0.	0.	0.301	0.843
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.516								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	12	29.	28.8	31.1	25.6	2.496	1.58	25.81	28.325	30.05	30.83
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	14	13.	13.143	17.	12.	2.132	1.46	12.	12.	14.	16.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	10	20.	24.1	50.	10.	159.656	12.635	10.5	15.75	34.	49.

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

Annual Analysis for 1993 - Station DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	23	0.5	5.913	14.	0.5	34.401	5.865	0.5	0.5	12.	13.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	23	24.9	24.083	32.	13.6	32.102	5.666	14.08	21.4	29.	31.42
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	12	10.	9.583	20.	5.	15.72	3.965	5.	6.25	10.	17.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	21	6.1	6.133	9.2	2.9	1.725	1.314	4.6	5.45	7.1	7.56
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	8	8.2	8.237	8.4	8.1	0.014	0.119	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	8	8.2	8.224	8.4	8.1	0.014	0.12	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	8	0.006	0.006	0.008	0.004	0.	0.002	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	12	1.	16.833	170.	1.	2340.697	48.381	1.	1.	6.5	122.9
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	12	0.	0.404	2.23	0.	0.478	0.691	0.	0.	0.753	1.895
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.536								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	21	30.7	30.633	32.8	28.4	1.232	1.11	29.	29.7	31.35	32.32
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	23	12.	11.783	14.	9.	1.996	1.413	9.4	11.	12.	14.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	12	20.	44.417	220.	10.	3725.902	61.04	10.	14.	49.75	184.

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

Annual Analysis for 1994 - Station DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	21	0.5	6.833	15.	0.5	47.208	6.871	0.5	0.5	14.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	21	26.4	25.833	30.8	16.1	20.547	4.533	18.2	22.2	29.9	30.6
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	11	5.	9.	20.	4.	40.	6.325	4.2	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	19	7.4	7.326	8.6	5.3	0.782	0.884	6.2	6.5	8.1	8.5
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	10	8.3	8.2	8.4	7.6	0.051	0.226	7.65	8.175	8.3	8.39
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	10	8.3	8.127	8.4	7.6	0.057	0.239	7.65	8.175	8.3	8.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	10	0.005	0.007	0.025	0.004	0.	0.006	0.004	0.005	0.007	0.023
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	11	1.	1.818	7.	1.	3.164	1.779	1.	1.	2.	6.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	11	0.	0.159	0.845	0.	0.071	0.266	0.	0.	0.301	0.736
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.442								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	21	31.1	30.738	32.6	26.5	1.905	1.38	28.76	30.3	31.7	32.08
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	21	14.	13.857	15.	11.	1.829	1.352	11.2	13.	15.	15.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	11	14.	16.236	32.	6.	67.559	8.219	6.28	9.2	24.	30.4

** - 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 1995 - Station DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	25	0.5	6.78	16.	0.5	45.627	6.755	0.5	0.5	13.5	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	24	27.9	26.208	31.6	16.2	24.251	4.925	17.1	23.125	30.125	30.95
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	13	10.	10.385	20.	5.	22.756	4.77	5.	5.	15.	18.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	25	6.4	6.236	7.4	3.8	0.561	0.749	5.32	5.8	6.75	7.08
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	13	8.2	8.131	8.4	7.6	0.037	0.193	7.76	8.05	8.2	8.36
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	13	8.2	8.081	8.4	7.6	0.04	0.2	7.76	8.05	8.2	8.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	13	0.006	0.008	0.025	0.004	0.	0.005	0.004	0.006	0.009	0.019
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	13	2.	9.077	33.	1.	115.744	10.758	1.	1.	18.	29.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	13	0.301	0.62	1.519	0.	0.346	0.588	0.	0.	1.238	1.456
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.173								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	16	32.5	31.406	33.9	25.4	5.282	2.298	27.85	29.85	33.1	33.76
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	25	14.	13.64	16.	12.	2.323	1.524	12.	12.	15.	15.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	13	10.	10.462	16.	0.6	18.403	4.29	2.68	7.8	14.	15.2

** - 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 1996 - Station DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	26	0.5	6.038	15.	0.5	38.778	6.227	0.5	0.5	12.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	26	23.8	23.231	30.2	15.1	30.498	5.523	16.81	17.9	29.275	29.73
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	11.	12.643	25.	5.	44.709	6.686	5.	5.	20.	22.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	22	6.6	6.45	8.3	4.7	1.045	1.022	4.93	5.65	7.25	7.95
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	8.2	8.179	8.4	8.	0.02	0.142	8.	8.	8.3	8.35
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	8.2	8.157	8.4	8.	0.021	0.144	8.	8.	8.3	8.35
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.006	0.007	0.01	0.004	0.	0.002	0.004	0.005	0.01	0.01
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	1.	2.143	8.	1.	4.44	2.107	1.	1.	2.5	6.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.	0.2	0.903	0.	0.099	0.314	0.	0.	0.376	0.801
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.587								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	26	34.05	33.735	35.4	31.5	1.213	1.101	32.34	32.575	34.5	35.33
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	26	12.	12.5	15.	9.	3.14	1.772	10.4	11.75	14.25	15.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	10.7	17.064	68.	5.	279.126	16.707	5.15	5.75	21.5	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 1997 - Station DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	43	0.5	6.86	15.	0.5	44.373	6.661	0.5	0.5	13.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	43	24.7	24.519	30.8	18.	16.466	4.058	19.08	20.5	28.4	30.2
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	22	11.	11.864	20.	5.	17.171	4.144	5.	10.	15.	18.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	43	6.2	6.449	8.2	4.7	0.46	0.678	5.88	6.1	6.9	7.44
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	20	8.	7.975	8.2	7.7	0.024	0.155	7.71	7.9	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	20	8.	7.948	8.2	7.7	0.025	0.158	7.71	7.9	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	20	0.01	0.011	0.02	0.006	0.	0.004	0.006	0.008	0.013	0.02
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	22	1.	4.455	33.	1.	86.45	9.298	1.	1.	2.	24.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	22	0.	0.266	1.519	0.	0.208	0.456	0.	0.	0.301	1.273
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.843								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	43	34.4	33.709	35.4	30.7	2.064	1.437	31.68	32.1	34.9	35.2
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	43	13.	13.558	15.	11.	2.014	1.419	12.	12.	15.	15.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	22	1.5	4.955	30.	0.5	57.996	7.616	0.6	0.675	6.45	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 1998 - Station DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	27	0.5	6.333	15.	0.5	38.635	6.216	0.5	0.5	12.	13.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	27	19.6	21.033	30.6	16.2	19.593	4.426	16.74	17.4	22.9	28.74
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	11.5	12.714	25.	5.	48.527	6.966	5.	5.	16.25	25.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	27	6.7	6.763	9.1	4.9	0.972	0.986	5.4	6.2	7.5	8.16
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	7.8	7.807	8.	7.6	0.018	0.133	7.6	7.7	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	7.8	7.788	8.	7.6	0.018	0.134	7.6	7.7	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.016	0.016	0.025	0.01	0.	0.005	0.01	0.013	0.02	0.025
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	1.5	7.5	49.	1.	214.577	14.648	1.	1.	3.5	41.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.151	0.38	1.69	0.	0.332	0.577	0.	0.	0.452	1.604
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.397								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	27	31.	30.43	32.4	27.6	2.582	1.607	27.8	28.7	31.8	32.3
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	27	12.	12.593	15.	12.	1.174	1.083	12.	12.	13.	15.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	2.55	4.743	18.	0.3	37.598	6.132	0.4	0.85	5.625	17.5

** - 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 #1: 8/01 to 10/19 - Station DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	47	0.5	6.436	16.	0.5	42.246	6.5	0.5	0.5	13.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	47	29.6	29.106	31.6	24.9	2.598	1.612	26.72	28.4	30.2	30.9
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	25	10.	10.2	20.	1.	24.833	4.983	5.	5.	15.	17.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	43	6.1	6.088	8.5	3.8	0.901	0.949	4.82	5.6	6.4	7.46
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	23	8.3	8.23	8.5	7.9	0.03	0.174	7.94	8.1	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	23	8.3	8.195	8.5	7.9	0.032	0.178	7.94	8.1	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	23	0.005	0.006	0.013	0.003	0.	0.003	0.004	0.004	0.008	0.012
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	25	2.	6.32	33.	1.	100.977	10.049	1.	1.	6.	27.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	25	0.301	0.413	1.519	0.	0.287	0.536	0.	0.	0.772	1.424
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.586								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	41	31.6	31.522	35.4	25.4	7.402	2.721	28.24	29.35	34.4	35.18
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	47	13.	12.936	16.	8.	3.8	1.949	10.	12.	15.	15.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	25	14.	14.164	33.	0.6	86.862	9.32	0.66	3.8	22.	24.

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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	106	0.5	5.807	15.	0.5	36.846	6.07	0.5	0.5	12.	14.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	104	19.6	19.913	26.6	13.6	8.211	2.866	16.3	17.9	21.775	23.8
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	56	10.	12.857	25.	5.	33.288	5.77	5.	10.	18.75	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	99	6.9	7.072	9.2	5.4	0.812	0.901	6.	6.4	7.6	8.4
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	55	8.1	8.062	8.4	7.6	0.034	0.183	7.8	7.9	8.2	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	55	8.1	8.02	8.4	7.6	0.035	0.188	7.8	7.9	8.2	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	55	0.008	0.01	0.025	0.004	0.	0.005	0.006	0.006	0.013	0.016
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	59	1.	3.729	49.	1.	59.373	7.705	1.	1.	2.	8.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	59	0.	0.271	1.69	0.	0.167	0.409	0.	0.	0.301	0.903
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.864								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	103	31.3	31.272	35.4	26.7	4.13	2.032	28.5	29.8	32.5	34.32
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	106	12.	12.472	17.	8.	2.842	1.686	10.	12.	14.	15.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	59	10.	17.773	220.	0.5	1016.634	31.885	0.9	4.4	17.	30.

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	56	0.5	5.813	15.	0.5	40.105	6.333	0.5	0.5	13.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	56	28.45	28.395	32.	24.5	3.803	1.95	25.66	26.9	29.975	30.86
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	30	5.	7.5	18.	1.	15.431	3.928	5.	5.	10.	14.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	51	6.1	5.971	8.2	1.3	1.182	1.087	4.9	5.6	6.4	7.08
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	30	8.2	8.12	8.5	7.6	0.066	0.257	7.7	7.975	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	30	8.2	8.038	8.5	7.6	0.073	0.27	7.7	7.975	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	30	0.006	0.009	0.025	0.003	0.	0.006	0.004	0.005	0.011	0.02
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	31	1.	7.968	170.	1.	937.899	30.625	1.	1.	2.	6.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	31	0.	0.228	2.23	0.	0.24	0.49	0.	0.	0.301	0.783
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.689								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	51	32.1	32.041	35.3	25.6	4.998	2.236	29.46	30.7	34.2	34.84
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	56	13.	12.464	15.	1.	9.308	3.051	9.	12.	15.	15.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	31	10.	12.265	40.	0.3	101.046	10.052	0.6	5.6	20.	30.4

** - 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: DESO0062

NPS Station ID: DESO0062
Location: Mead Point at Mouth of Perico Bayou
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 03100206
Major Basin:
Minor Basin:
RF1 Index: 03100206
RF3 Index: 03100206033700.00
Description:

LAT/LON: 27.510837/ -82.682670
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 21FLA
FIPS State/County: 12081 FLORIDA/MANATEE
STORET Station ID(s): 48040SEAS
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 3.30
Distance from RF3: 0.26

Date Created: 10/04/97
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	122	0.5	0.631	6.	0.5	0.586	0.765	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	120	25.3	24.685	32.3	13.4	25.291	5.029	17.65	19.975	29.375	30.7
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	114	10.	10.86	25.	1.	32.582	5.708	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	112	6.75	6.692	13.6	2.4	2.048	1.431	5.03	5.9	7.6	8.37
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	110	8.2	8.11	8.5	7.5	0.048	0.22	7.8	8.	8.3	8.39
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	110	8.2	8.049	8.5	7.5	0.052	0.228	7.8	8.	8.3	8.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	110	0.006	0.009	0.032	0.003	0.	0.005	0.004	0.005	0.01	0.016
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	117	1.	11.821	540.	1.	2913.493	53.977	1.	1.	5.	14.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	117	0.	0.41	2.732	0.	0.317	0.563	0.	0.	0.699	1.163
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.573								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	114	31.25	31.046	35.4	21.4	7.411	2.722	27.75	29.675	32.825	34.55
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	122	2.	2.418	30.	1.	6.973	2.641	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	118	13.5	17.624	180.	0.	648.959	25.475	0.79	5.225	20.	36.

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

EPA Water Quality Criteria Analysis for Station: DESO0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	112	5	0.04	23	2	0.09	57	1	0.02	32	2	0.06			
00403	PH, LAB	Marine Chronic	8.5	110	3	0.03	23	1	0.04	57	0	0.00	30	2	0.07			
		Other-Lo Lim.	6.5	110	0	0.00	23	0	0.00	57	0	0.00	30	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	118	4	0.03	25	0	0.00	62	4	0.06	31	0	0.00			

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

Annual Analysis for 1990 - Station DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	8	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	7	27.4	26.014	30.3	17.6	19.938	4.465	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	8	9.	11.	20.	5.	42.286	6.503	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	7	5.8	5.771	7.5	3.2	1.989	1.41	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	8	8.3	8.288	8.4	8.1	0.013	0.113	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	8	8.3	8.274	8.4	8.1	0.013	0.113	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	8	0.005	0.005	0.008	0.004	0.	0.001	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	8	4.	3.375	5.	1.	3.125	1.768	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	8	0.602	0.45	0.699	0.	0.094	0.307	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.82								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	7	29.9	29.514	32.1	26.5	5.438	2.332	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	8	2.	5.25	30.	1.	100.214	10.011	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	8	18.	20.375	36.	8.	69.696	8.348	**	**	**	**

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

Annual Analysis for 1991 - Station DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	12	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	12	25.55	24.417	30.8	15.3	27.8	5.273	15.96	19.8	29.3	30.65
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	11	10.	8.545	18.	1.	24.673	4.967	1.8	5.	10.	17.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	9	4.8	5.189	8.6	3.6	2.591	1.61	3.6	3.75	6.	8.6
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	12	8.3	8.267	8.5	8.	0.021	0.144	8.03	8.2	8.3	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	12	8.3	8.245	8.5	8.	0.021	0.145	8.03	8.2	8.3	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	12	0.005	0.006	0.01	0.003	0.	0.002	0.003	0.005	0.006	0.009
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	12	1.	3.833	22.	1.	37.424	6.118	1.	1.	4.25	17.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	12	0.	0.296	1.342	0.	0.204	0.451	0.	0.	0.599	1.211
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.975								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	12	30.	29.9	32.8	27.7	2.113	1.454	27.85	28.625	30.825	32.38
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	12	14.	15.333	30.	8.	41.879	6.471	8.	10.5	19.25	27.9

** - 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 1992 - Station DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	11	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	11	21.6	23.818	31.9	14.6	33.756	5.81	15.06	20.6	28.6	31.66
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	8	7.5	8.875	20.	1.	38.696	6.221	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	10	7.35	7.47	9.4	5.9	1.398	1.182	5.91	6.45	8.65	9.34
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	11	8.2	8.255	8.5	8.1	0.019	0.137	8.1	8.1	8.4	8.48
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	11	8.2	8.236	8.5	8.1	0.019	0.138	8.1	8.1	8.4	8.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	11	0.006	0.006	0.008	0.003	0.	0.002	0.003	0.004	0.008	0.008
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	11	1.	3.455	17.	1.	25.473	5.047	1.	1.	5.	15.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	11	0.	0.258	1.23	0.	0.209	0.457	0.	0.	0.699	1.165
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.809								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	10	28.1	27.63	32.2	24.1	8.933	2.989	24.13	24.625	30.3	32.01
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	11	2.	2.455	5.	2.	0.873	0.934	2.	2.	3.	4.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	11	16.	29.345	120.	6.8	1034.153	32.158	7.44	12.	38.	104.8

** - 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 1993 - Station DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	12	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	12	23.55	23.892	32.3	13.4	38.357	6.193	13.61	20.05	29.375	32.06
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	12	10.	9.583	20.	5.	15.72	3.965	5.	6.25	10.	17.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	11	6.2	6.364	9.6	4.8	1.845	1.358	4.84	5.4	7.2	9.2
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	8	8.2	8.175	8.4	8.	0.019	0.139	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	8	8.2	8.156	8.4	8.	0.02	0.14	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	8	0.006	0.007	0.01	0.004	0.	0.002	**	**	**	**
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	12	1.	21.417	220.	1.	3925.174	62.651	1.	1.	7.25	157.9
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	12	0.	0.472	2.342	0.	0.52	0.721	0.	0.	0.852	1.974
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.963								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	11	30.8	30.427	33.	27.6	2.65	1.628	27.7	28.9	31.6	32.74
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	12	32.	53.75	180.	14.	3345.841	57.843	14.6	19.5	52.25	177.

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

Annual Analysis for 1994 - Station DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	12	0.5	0.958	6.	0.5	2.521	1.588	0.5	0.5	0.5	4.35
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	12	26.35	25.375	30.5	16.5	21.031	4.586	17.52	21.05	29.2	30.44
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	11	5.	9.	20.	4.	40.	6.325	4.2	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	11	7.4	7.555	13.6	5.6	5.189	2.278	5.6	5.7	8.3	12.58
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	10	8.2	8.17	8.3	7.6	0.045	0.211	7.65	8.175	8.3	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	10	8.2	8.106	8.3	7.6	0.049	0.222	7.65	8.175	8.3	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	10	0.006	0.008	0.025	0.005	0.	0.006	0.005	0.005	0.007	0.023
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	11	1.	2.909	13.	1.	14.291	3.78	1.	1.	2.	11.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	11	0.	0.26	1.114	0.	0.148	0.385	0.	0.	0.301	1.06
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.821								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	12	31.	29.992	32.1	21.4	8.779	2.963	23.38	29.575	31.775	32.1
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	12	2.	2.667	6.	2.	2.424	1.557	2.	2.	2.	6.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	11	18.	18.727	38.	10.	59.418	7.708	10.4	12.	22.	34.8

** - 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 1995 - Station DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	15	0.5	0.9	5.	0.5	1.436	1.198	0.5	0.5	0.5	3.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	14	28.55	26.929	31.3	15.5	26.165	5.115	16.35	24.325	30.825	31.25
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	13	10.	10.385	20.	5.	31.09	5.576	5.	5.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	15	6.4	6.393	8.	5.	0.674	0.821	5.18	5.7	6.8	7.64
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	13	8.2	8.138	8.4	7.5	0.048	0.218	7.7	8.1	8.25	8.36
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	13	8.2	8.069	8.4	7.5	0.053	0.23	7.7	8.1	8.25	8.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	13	0.006	0.009	0.032	0.004	0.	0.007	0.004	0.006	0.008	0.023
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	13	1.	5.923	23.	1.	59.577	7.719	1.	1.	13.	20.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	13	0.	0.417	1.362	0.	0.314	0.56	0.	0.	1.114	1.309
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.613								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	10	31.7	31.43	33.1	28.8	1.991	1.411	28.89	30.45	32.525	33.08
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	15	2.	2.4	5.	2.	1.114	1.056	2.	2.	2.	5.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	13	14.	13.523	22.	0.4	30.73	5.543	2.8	11.	17.	20.4

** - 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 1996 - Station DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	15	0.5	0.8	5.	0.5	1.35	1.162	0.5	0.5	0.5	2.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	15	25.4	24.64	30.2	18.2	26.924	5.189	18.38	18.6	29.8	30.14
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	11.	12.643	25.	5.	44.709	6.686	5.	5.	20.	22.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	13	6.8	6.431	8.4	2.4	2.384	1.544	3.44	5.9	7.4	8.32
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	8.2	8.171	8.4	7.8	0.024	0.154	7.9	8.1	8.3	8.35
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	8.2	8.144	8.4	7.8	0.025	0.157	7.9	8.1	8.3	8.35
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.006	0.007	0.016	0.004	0.	0.003	0.004	0.005	0.008	0.013
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	2.	6.143	46.	1.	142.286	11.928	1.	1.	5.	29.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.301	0.413	1.663	0.	0.258	0.508	0.	0.	0.699	1.388
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.586								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	15	34.	33.227	35.2	29.7	3.215	1.793	29.76	32.1	34.5	35.14
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	15	2.	2.4	5.	2.	1.114	1.056	2.	2.	2.	5.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	12.	13.836	42.	4.6	100.341	10.017	4.95	6.3	19.75	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 1997 - Station DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	23	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	23	25.2	25.2	31.3	18.6	17.281	4.157	19.4	21.9	29.1	30.82
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	23	12.	12.217	20.	5.	19.269	4.39	5.	10.	15.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	22	6.8	6.932	8.7	5.8	0.623	0.789	5.96	6.2	7.6	8.01
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	20	8.	7.96	8.2	7.6	0.029	0.17	7.7	7.9	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	20	8.	7.927	8.2	7.6	0.03	0.173	7.7	7.9	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	20	0.01	0.012	0.025	0.006	0.	0.005	0.006	0.008	0.013	0.02
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	22	1.5	8.227	50.	1.	228.66	15.122	1.	1.	5.75	44.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	22	0.151	0.429	1.699	0.	0.347	0.589	0.	0.	0.75	1.639
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.683								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	23	34.5	33.496	35.4	29.2	2.905	1.704	30.72	32.1	34.8	35.06
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	23	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	23	1.5	5.496	36.	0.	72.168	8.495	0.5	0.6	7.6	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 1998 - Station DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	14	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	14	20.35	21.979	32.	17.1	21.705	4.659	17.35	18.55	25.05	30.75
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	14	11.5	12.714	25.	5.	48.527	6.966	5.	5.	16.25	25.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	14	7.25	7.329	8.9	5.6	0.753	0.868	6.	6.8	7.925	8.65
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	14	7.8	7.807	8.	7.6	0.011	0.107	7.65	7.7	7.9	7.95
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	14	7.8	7.795	8.	7.6	0.012	0.108	7.65	7.7	7.9	7.95
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	14	0.016	0.016	0.025	0.01	0.	0.004	0.011	0.013	0.02	0.023
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	14	2.	45.643	540.	1.	20407.94	142.856	1.	1.	13.25	294.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	14	0.301	0.635	2.732	0.	0.671	0.819	0.	0.	1.122	2.211
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.313								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	14	30.4	29.986	32.1	24.7	4.48	2.117	26.25	28.725	31.75	32.1
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	14	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	14	2.	4.493	20.	0.6	34.831	5.902	0.65	1.15	4.75	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

Seasonal Analysis for Season #1: 8/01 to 10/19 - Station DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	25	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	25	29.6	29.368	31.5	26.	2.491	1.578	26.46	28.6	30.7	31.24
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	25	10.	10.2	20.	1.	24.833	4.983	5.	5.	15.	17.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	23	6.4	6.383	8.8	3.2	1.735	1.317	4.34	5.7	7.2	8.42
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	23	8.3	8.226	8.5	7.7	0.038	0.196	7.94	8.1	8.4	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	23	8.3	8.177	8.5	7.7	0.041	0.202	7.94	8.1	8.4	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	23	0.005	0.007	0.02	0.003	0.	0.004	0.004	0.004	0.008	0.012
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	25	2.	7.72	50.	1.	141.793	11.908	1.	1.	9.	27.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	25	0.301	0.53	1.699	0.	0.287	0.536	0.	0.	0.906	1.424
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.386								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	22	31.2	30.95	35.1	21.4	11.359	3.37	26.86	28.9	34.525	34.8
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	25	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	25	16.	15.92	38.	0.	131.463	11.466	0.56	3.35	23.	33.6

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

Seasonal Analysis for Season #2: 10/20 to 4/30 - Station DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	63	0.5	0.587	6.	0.5	0.48	0.693	0.5	0.5	0.5	0.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	61	20.2	20.425	26.6	13.4	9.395	3.065	16.58	18.55	22.55	24.58
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	59	10.	12.847	25.	5.	35.442	5.953	5.	10.	20.	20.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	57	7.1	7.189	13.6	3.6	1.857	1.363	5.98	6.4	7.8	8.44
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	57	8.1	8.063	8.4	7.6	0.032	0.179	7.8	7.9	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	57	8.1	8.024	8.4	7.6	0.034	0.183	7.8	7.9	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	57	0.008	0.009	0.025	0.004	0.	0.004	0.005	0.006	0.013	0.016
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	61	2.	14.082	540.	1.	4769.743	69.063	1.	1.	6.	13.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	61	0.301	0.427	2.732	0.	0.323	0.569	0.	0.	0.772	1.14
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.671								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	61	31.3	30.98	35.4	24.7	6.289	2.508	27.64	29.7	32.3	34.44
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	63	2.	2.111	6.	1.	0.552	0.743	2.	2.	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	62	12.	19.876	180.	0.6	1117.844	33.434	1.5	4.9	18.	37.4

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

Seasonal Analysis for Season #3: 5/01 to 7/31 - Station DESO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/04/90-06/25/98	34	0.5	0.809	5.	0.5	1.197	1.094	0.5	0.5	0.5	1.25
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/90-06/25/98	34	28.65	28.885	32.3	24.1	3.964	1.991	26.3	27.4	30.525	31.6
00035	WIND VELOCITY (MILES PER HOUR)	01/04/90-06/25/98	30	5.	7.5	18.	1.	15.431	3.928	5.	5.	10.	14.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/90-06/25/98	32	5.9	6.028	9.4	2.4	1.767	1.329	4.8	5.325	6.8	7.67
00403	PH, LAB, STANDARD UNITS SU	01/04/90-06/25/98	30	8.2	8.11	8.5	7.5	0.075	0.275	7.61	7.9	8.3	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/90-06/25/98	30	8.2	8.015	8.5	7.5	0.085	0.291	7.61	7.9	8.3	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/90-06/25/98	30	0.006	0.01	0.032	0.003	0.	0.007	0.004	0.005	0.013	0.025
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/04/90-06/25/98	31	1.	10.677	220.	1.	1586.826	39.835	1.	1.	2.	12.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/04/90-06/25/98	31	0.	0.282	2.342	0.	0.319	0.565	0.	0.	0.301	1.072
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.915								
70305	SALINITY BASED ON CONDUCTIVITY	01/04/90-06/25/98	31	31.3	31.242	35.1	24.1	7.33	2.707	28.24	29.7	33.5	34.5
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/04/90-06/25/98	34	2.	3.294	30.	2.	23.426	4.84	2.	2.	2.	5.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/04/90-06/25/98	31	14.	14.494	44.	0.4	129.796	11.393	0.62	5.4	22.	34.4

** - 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: DESO0063

NPS Station ID: DESO0063 LAT/LON: 27.513615/ -82.683060 Agency: 21FLMML Date Created: 12/06/97
Location: PERICO BAYOU @ MOUTH SW OF MEAD PT NEPWQ-5 FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 273049082405900
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	32	0.7	2.609	6.	0.3	4.647	2.156	0.7	0.7	5.	5.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	31	22.	23.206	31.8	15.6	29.215	5.405	16.26	18.4	28.1	31.38
00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	16	27.5	37.813	100.	0.	1059.896	32.556	3.5	10.	72.5	93.
00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	15	5.	6.8	20.	0.	35.457	5.955	0.6	2.	10.	17.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-05/10/94	16	1.8	1.669	2.2	0.2	0.24	0.49	0.76	1.5	2.	2.06
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	16	17.5	17.5	35.	5.	76.667	8.756	8.5	10.	20.	35.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/90-05/10/94	29	48750.	48895.517	53600.	41790.	9692918.473	3113.345	46070.	46585.	51540.	52760.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	31	7.	6.674	10.3	2.5	4.137	2.034	3.9	4.9	8.	9.42
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	31	97.2	92.548	130.4	38.3	574.676	23.972	54.02	75.7	106.1	124.44
00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	31	32.3	32.048	35.2	26.9	4.708	2.17	30.	30.3	33.7	34.88
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	16	12.5	11.813	25.	1.	64.429	8.027	1.7	4.	19.	23.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	16	4.5	4.738	9.	0.8	7.769	2.787	1.64	2.	7.75	9.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	15 ##	0.005	0.007	0.03	0.005	0.	0.006	0.005	0.005	0.005	0.015
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	16	0.71	0.649	1.45	0.24	0.105	0.324	0.247	0.333	0.847	1.051
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	16	0.01	0.108	0.82	0.005	0.052	0.229	0.005	0.006	0.088	0.61
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	16	0.155	0.174	0.42	0.07	0.008	0.09	0.091	0.11	0.198	0.336
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	11	23.	24.664	30.4	18.6	16.949	4.117	19.02	21.6	30.1	30.36
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-02/09/93	11	1.3	1.3	2.	0.1	0.352	0.593	0.18	1.1	1.8	1.98
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	14	4.55	5.982	18.8	0.05	30.751	5.545	0.275	1.275	10.45	15.6
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	14	1.85	3.596	16.7	0.05	23.402	4.838	0.05	0.05	7.425	12.35
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	14	2.2	4.475	18.6	0.05	31.68	5.628	0.05	0.163	6.7	15.4
50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	16	0.08	0.081	0.13	0.02	0.001	0.028	0.034	0.063	0.1	0.116
50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	13	29400.	26491.538	45300.	1500.	180379430.769	13430.541	3816.	16550.	37750.	43220.
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-05/10/94	15	0.69	0.731	1.91	0.24	0.146	0.382	0.3	0.55	0.88	1.334
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	16	1.9	1.888	3.3	0.4	0.769	0.877	0.61	1.325	2.55	3.3
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	16	1.8	1.706	2.2	0.2	0.249	0.499	0.76	1.525	2.	2.13

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: DESO0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	31	4	0.13	8	2	0.25	15	0	0.00	8	2	0.25			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	16	0	0.00	4	0	0.00	8	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: DESO0064

NPS Station ID: DESO0064
LAT/LON: 27.531393/ -82.683893
Agency: 112WRD
Date Created: 11/18/75
Location: TAMPA BAY,FLA R -14.5 HX
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 273153082410200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100201
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100201
RF1 Mile Point: 0.000
Distance from RF1: 6.80
On/Off RF1:
RF3 Index: 03100206040400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.39
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/71-10/18/71	3	5.	5.	9.	1.	16.	4.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/71-10/18/71	3	28.2	28.133	28.2	28.	0.013	0.115	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/18/71-10/18/71	3	0.9	1.533	3.	0.7	1.623	1.274	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/71-10/18/71	3	44700.	45366.667	47000.	44400.	2023333.333	1422.439	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/71-10/18/71	3	8.4	8.4	8.6	8.2	0.04	0.2	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/18/71-10/18/71	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/71-10/18/71	3	8.3	8.333	8.4	8.3	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/71-10/18/71	3	8.3	8.331	8.4	8.3	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/71-10/18/71	3	0.005	0.005	0.005	0.004	0.	0.001	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/18/71-10/18/71	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/71-10/18/71	3	0.07	0.073	0.09	0.06	0.	0.015	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/71-10/18/71	3	0.08	0.087	0.1	0.08	0.	0.012	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/71-10/18/71	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/18/71-10/18/71	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/71-10/18/71	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/18/71-10/18/71	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/71-10/18/71	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/71-10/18/71	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	10/18/71-10/18/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	10/18/71-10/18/71	3	0.3	0.283	0.31	0.24	0.001	0.038	**	**	**	**
00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	10/18/71-10/18/71	3	0.32	0.297	0.32	0.25	0.002	0.04	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/71-10/18/71	3	6.	7.667	12.	5.	14.333	3.786	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/71-10/18/71	3	3.	3.333	4.	3.	0.333	0.577	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/18/71-10/18/71	3	22.	22.	22.	22.	0.	0.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	10/18/71-10/18/71	3	28.	29.667	34.	27.	14.333	3.786	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/18/71-10/18/71	3	22.	22.	22.	22.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/18/71-10/18/71	3	16400.	16500.	16900.	16200.	130000.	360.555	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/18/71-10/18/71	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	10/18/71-10/18/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/18/71-10/18/71	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/18/71-10/18/71	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/18/71-10/18/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/18/71-10/18/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/18/71-10/18/71	1	110.	110.	110.	110.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/71-10/18/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/18/71-10/18/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/71-10/18/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DESO0064

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	10/18/71-10/18/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/71-10/18/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/71-10/18/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/18/71-10/18/71	1	5.	5.	5.	5.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/18/71-10/18/71	3	0.09	0.097	0.12	0.08	0.	0.021	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/71-10/18/71	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/18/71-10/18/71	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/18/71-10/18/71	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DESO0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 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.	3	0	0.00	3	0	0.00									
00400	PH	Marine Chronic	8.5	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
01040	COPPER, DISSOLVED	Marine Acute	2.9	1	1	1.00	1	1	1.00									
01049	LEAD, DISSOLVED	Marine Acute	220.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Marine Acute	95.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: DESO0065

NPS Station ID: DESO0065 LAT/LON: 27.513892/ -82.685282 Agency: 21FLSWFD Date Created: 12/05/92
Location: SARASOTA BAY - PERICO ISLAND AB MANATEE RIVER FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): STA0042
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 03100202068000.00 RF3 Mile Point: 0.59 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/08/92-12/30/92	8	1.	1.1	2.	0.	0.423	0.65	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/92-12/30/92	4	24.	24.5	31.5	18.5	29.627	5.443	**	**	**	**
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	04/08/92-12/30/92	4	1.	1.1	1.6	0.8	0.12	0.346	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/08/92-12/30/92	5	4.	3.86	5.3	1.6	2.038	1.428	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/08/92-12/30/92	4	0.8	0.775	1.	0.5	0.049	0.222	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/08/92-12/30/92	5	15.	18.	40.	5.	182.5	13.509	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/92-12/30/92	4	44592.5	40769.75	49300.	24594.	126801049.583	11260.597	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/08/92-12/30/92	4	8.5	8.175	10.2	5.5	5.129	2.265	**	**	**	**
00400	PH (STANDARD UNITS)	04/08/92-12/30/92	4	8.165	8.065	8.24	7.69	0.066	0.256	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/08/92-12/30/92	4	8.162	8.	8.24	7.69	0.071	0.267	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/92-12/30/92	4	0.007	0.01	0.02	0.006	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/92-12/30/92	5	121.	119.8	132.	104.	102.7	10.134	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/08/92-12/30/92	5	27.	27.2	35.	16.	52.7	7.259	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/08/92-12/30/92	5 ##	0.015	0.013	0.015	0.01	0.	0.003	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/92-12/30/92	5	0.52	0.596	1.	0.45	0.053	0.231	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/08/92-12/30/92	5 ##	0.02	0.018	0.02	0.015	0.	0.003	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/92-12/30/92	5	0.15	0.153	0.21	0.093	0.002	0.043	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/08/92-12/30/92	5	4.3	4.98	7.9	2.	5.197	2.28	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/30/92-12/30/92	2	18500.	18500.	19000.	18000.	500000.	707.107	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/30/92-12/30/92	2	2100.	2100.	2300.	1900.	80000.	282.843	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	12/30/92-12/30/92	2	0.65	0.65	0.67	0.63	0.001	0.028	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/08/92-12/30/92	5	1.	3.1	8.	0.	13.3	3.647	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/08/92-12/30/92	5	0.	0.276	0.903	-0.301	0.283	0.532	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.888								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/08/92-12/30/92	5	1.71	8.557	24.59	0.53	115.194	10.733	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/08/92-12/30/92	5	0.385	1.392	4.55	0.	3.546	1.883	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	04/08/92-12/30/92	4	0.85	0.85	1.2	0.5	0.097	0.311	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DESO0065

			Total	Exceed	Prop.	8/01-10/19			10/20-4/30			5/01-7/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: DESO0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00400	PH	Marine Chronic	8.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			

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

Station Inventory for Station: DESO0066

NPS Station ID: DESO0066
LAT/LON: 27.516698/ -82.685310
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP South Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 460
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/20/95-11/16/98	13	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/20/95-11/16/98	13	23.	23.077	32.	14.	40.744	6.383	14.4	17.	29.5	31.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/20/95-11/16/98	11	1.	1.145	1.5	0.8	0.085	0.291	0.8	1.	1.5	1.5
00080	COLOR (PLATINUM-COBALT UNITS)	11/20/95-11/16/98	11	10.	15.909	30.	5.	74.091	8.608	6.	10.	20.	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/20/95-11/16/98	13	45100.	44991.538	50000.	38480.	11891964.103	3448.473	39248.	42555.	47450.	49920.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/20/95-11/16/98	13	7.7	7.569	9.3	4.1	1.794	1.339	5.14	7.	8.45	9.3
00400	PH (STANDARD UNITS)	11/20/95-11/16/98	12	8.2	8.267	8.7	7.8	0.072	0.267	7.86	8.1	8.55	8.67
00400	CONVERTED PH (STANDARD UNITS)	11/20/95-11/16/98	12	8.2	8.195	8.7	7.8	0.077	0.278	7.86	8.1	8.55	8.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/20/95-11/16/98	12	0.006	0.006	0.016	0.002	0.	0.004	0.002	0.003	0.008	0.014
00480	SALINITY - PARTS PER THOUSAND	11/20/95-11/16/98	13	29.	28.769	32.	24.	4.859	2.204	24.8	27.5	30.5	31.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/20/95-11/16/98	12	24.	21.917	45.	5.	134.811	11.611	5.9	10.25	28.75	41.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/96-11/16/98	11 ##	0.005	0.008	0.03	0.005	0.	0.008	0.005	0.005	0.005	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/20/95-11/16/98	12	0.015	0.029	0.07	0.01	0.001	0.023	0.01	0.01	0.05	0.064
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/20/95-11/16/98	13	0.533	0.524	0.783	0.241	0.027	0.163	0.274	0.368	0.667	0.741
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/20/95-11/16/98	12	0.01	0.014	0.07	0.005	0.	0.018	0.005	0.005	0.01	0.055
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/20/95-11/16/98	13	0.122	0.097	0.189	0.005	0.004	0.065	0.005	0.031	0.154	0.185
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11/20/95-11/16/98	12	5.1	5.567	16.9	1.6	17.622	4.198	1.78	2.5	7.025	14.38
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	11/20/95-11/16/98	13	1.	1.215	1.5	0.8	0.078	0.279	0.88	1.	1.5	1.5
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/20/95-11/16/98	13	1.7	2.077	3.9	0.8	1.41	1.188	0.8	1.05	3.45	3.9

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

EPA Water Quality Criteria Analysis for Station: DESO0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
00400	PH	Marine Chronic	8.5	12	3	0.25	2	1	0.50	7	2	0.29	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	7	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	13	0	0.00	3	0	0.00	7	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: DESO0067

NPS Station ID: DESO0067
LAT/LON: 27.532281/ -82.688448
Agency: 21FLMANA
Date Created: 08/07/99
Location: RAMP South Segment
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 456
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100206
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/20/95-10/12/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/20/95-10/12/98	12	25.5	23.417	30.	14.	34.083	5.838	14.6	17.5	29.	29.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/20/95-10/12/98	12	1.65	1.758	3.	1.	0.312	0.558	1.	1.5	2.	2.79
00080	COLOR (PLATINUM-COBALT UNITS)	11/20/95-10/12/98	10	20.	16.	30.	0.	71.111	8.433	1.	10.	20.	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/20/95-10/12/98	12	44320.	43318.333	47100.	36480.	10002724.242	3162.708	37326.	40925.	45525.	46890.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/20/95-10/12/98	12	7.1	7.267	8.8	6.	0.822	0.907	6.12	6.5	8.025	8.74
00400	PH (STANDARD UNITS)	11/20/95-10/12/98	12	8.1	8.083	8.5	7.8	0.032	0.18	7.83	7.925	8.175	8.41
00400	CONVERTED PH (STANDARD UNITS)	11/20/95-10/12/98	12	8.1	8.052	8.5	7.8	0.034	0.183	7.83	7.925	8.175	8.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/20/95-10/12/98	12	0.008	0.009	0.016	0.003	0.	0.003	0.004	0.007	0.012	0.015
00480	SALINITY - PARTS PER THOUSAND	11/20/95-10/12/98	12	29.	28.333	31.	23.	5.515	2.348	23.6	27.25	30.	30.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/20/95-10/12/98	12	18.5	20.	39.	6.	109.273	10.453	6.6	9.75	29.25	36.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/20/95-10/12/98	12 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/20/95-10/12/98	12	0.025	0.03	0.08	0.01	0.001	0.023	0.01	0.01	0.05	0.071
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/20/95-10/12/98	12	0.473	0.5	0.965	0.148	0.053	0.23	0.181	0.31	0.622	0.913
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/20/95-10/12/98	12	0.01	0.02	0.09	0.005	0.001	0.024	0.005	0.006	0.028	0.075
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/20/95-10/12/98	11	0.113	0.912	8.9	0.005	7.023	2.65	0.013	0.057	0.2	7.161
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11/20/95-10/12/98	11	3.1	4.873	13.8	1.6	13.58	3.685	1.74	2.5	7.4	12.72
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	11/20/95-10/12/98	12	3.	2.775	3.5	2.	0.226	0.475	2.	2.5	3.	3.44
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/20/95-10/12/98	12	1.95	2.208	4.2	0.7	1.239	1.113	0.73	1.3	3.075	3.96

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

EPA Water Quality Criteria Analysis for Station: DESO0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
00400	PH	Marine Chronic	8.5	12	1	0.08	3	0	0.00	6	1	0.17	3	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			

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

Station Inventory for Station: DESO0068

NPS Station ID: DESO0068 LAT/LON: 27.496948/ -82.688337 Agency: 21FLMML Date Created: 04/11/98
Location: PERICO ISL - PRVT CHNL N OF SR64 BRDG NR HEAD FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/SOLIDS STORET Station ID(s): 272949082411800
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	2	0.3	0.3	0.34	0.26	0.003	0.057	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	2	0.029	0.029	0.05	0.008	0.001	0.03	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	2	1.64	1.64	1.69	1.59	0.005	0.071	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	2	1.85	1.85	2.7	1.	1.445	1.202	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	2	2310.	2310.	3070.	1550.	1155200.	1074.802	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	1	70.4	70.4	70.4	70.4	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DESO0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	2	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	1	12.3	12.3	12.3	12.3	0.	0.	**	**	**	**
80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	1	77.4	77.4	77.4	77.4	0.	0.	**	**	**	**
80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**

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

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

Station Inventory for Station: DESO0069

NPS Station ID: DESO0069 LAT/LON: 27.496948/ -82.689448 Agency: 21FLMML Date Created: 04/11/98
Location: MANATEE AVE BRIDGE - SR64 AT ANNA MARIA SOUND FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/TISSUE STORET Station ID(s): 272949082412200
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04377	FECAL STREPTOCOCCI, 5 TUBE, SHELLFISH MPN	04/26/90-10/29/90	3 ##	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/26/90-10/29/90	2 ##	16.75	16.75	32.	1.5	465.125	21.567	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/26/90-10/29/90	2 ##	0.841	0.841	1.505	0.176	0.883	0.94	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.928								
31520	COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35C	04/26/90-10/29/90	3	32.	50.5	118.	1.5	3649.75	60.413	**	**	**	**
31520	LOG COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,3	04/26/90-10/29/90	3	1.505	1.251	2.072	0.176	0.947	0.973	**	**	**	**
31520	GM COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35	GEOMETRIC MEAN =			17.825								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/26/90-04/26/90	1	118.	118.	118.	118.	0.	0.	**	**	**	**
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	04/26/90-04/26/90	1	2.072	2.072	2.072	2.072	0.	0.	**	**	**	**
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			118.								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/26/90-10/29/90	2 ##	16.8	16.8	32.	1.6	462.08	21.496	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	04/26/90-10/29/90	2 ##	0.855	0.855	1.505	0.204	0.846	0.92	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.155								
31629	AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/100ML	04/26/90-10/29/90	2	24.	24.	32.	16.	128.	11.314	**	**	**	**
31629	LOG AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/10	04/26/90-10/29/90	2	1.355	1.355	1.505	1.204	0.045	0.213	**	**	**	**
31629	GM AEROMONAS HYDROPHILA,MF,M-A AGAR,20 HR,35C#/100	GEOMETRIC MEAN =			22.627								
31634	VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	04/26/90-10/29/90	2	24.	24.	32.	16.	128.	11.314	**	**	**	**
31634	LOG VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	04/26/90-10/29/90	2	1.355	1.355	1.505	1.204	0.045	0.213	**	**	**	**
31634	GM VIBRIO PARAHAEMOLYTICUS,3-TUBE MPN/100ML	GEOMETRIC MEAN =			22.627								
31640	FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	04/26/90-10/29/90	3	32.	32.5	64.	1.5	976.75	31.253	**	**	**	**
31640	LOG FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	04/26/90-10/29/90	3	1.505	1.162	1.806	0.176	0.752	0.867	**	**	**	**
31640	GM FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	GEOMETRIC MEAN =			14.537								
31675	FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 31676)	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31675	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 3167	04/26/90-10/29/90	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31675	GM FECAL STREPTOCOCCI,MPN,KF BROTH,35C (TUBE 31676	GEOMETRIC MEAN =			1.5								
31748	STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	04/26/90-10/29/90	2	2700.	2700.	3300.	2100.	720000.	848.528	**	**	**	**
31748	LOG STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	04/26/90-10/29/90	2	3.42	3.42	3.519	3.322	0.019	0.139	**	**	**	**
31748	GM STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	GEOMETRIC MEAN =			2632.489								
50841	AVERAGE SHELL LENGTH CM	04/26/90-10/29/90	4	10.7	10.625	11.1	10.	0.216	0.465	**	**	**	**
50842	ARSENIC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.575	1.75	5.6	0.25	6.682	2.585	**	**	**	**
50843	MERCURY IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	0.11	0.115	0.14	0.1	0.	0.019	**	**	**	**
50844	ALPHA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50845	BETA-BHC IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50847	ACENAPHTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50848	ACENAPHTHYLENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50849	BENZO(A)ANTHRACENE IN SHELLFISH TISDRY WEIGHTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50850	BENZO(A)PYRENE IN SHELLFISH TISSUE DRY WEIGHTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50851	BENZO(K)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**

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Parameter Inventory for Station: DESO0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
50852	BENZO(B)FLUORANTHENE IN SHELLFISH TIS DRY WGTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50853	DIBENZO(A,H)ANTHRACENE IN SHELLFSH TIS DRYWGTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50854	FLUORENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50855	NAPHTHALENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50856	ANTHRACENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50857	BENZO(GHI)PERYLENE IN SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	4 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
50858	CHRYSENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50859	FLUORANTHENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50860	INDENO(1,2,3-CD)PYRENE IN SHELLFSH TIS DRYWGTMG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50861	PHENANTHRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50862	PYRENE IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50863	2-METHYLNAPHTHALENE IN SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50864	PHENANTHRENE, 1-METHYL,SHELLFISH TIS DRY WGT MG/KG	04/26/90-10/29/90	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
50865	VIBRIO ALGINOLYTICUS, 3-TUBE WT TIS SHELFHMPN/100G	04/26/90-10/29/90	4	24.	32.	64.	16.	512.	22.627	**	**	**	**
50866	VIBRIO CHOLERAE, 3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50868	VIBRIO FLUVIALIS,3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50869	VIBRIO HOLLISAE,3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50870	VIBRIO METSCHNIKOVII,3-TUBE WET TIS SHELFHMPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50871	VIBRIO MIMICUS, 3-TUBE WET TIS SHELLFISH MPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50872	VIBRIO VULNIFICUS,3-TUBE WET TIS SHELLFISHMPN/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50873	AEROMONAS HYDROPHILA,MF,MA AGAR,20H,WTIS35C #/100G	04/26/90-10/29/90	4	16.	16.375	32.	1.5	155.229	12.459	**	**	**	**
50874	AEROMONAS SOBRIA,MF,M-A AGAR,20HR, 35C #/100G	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50875	VIBRIO ALGINOLYTICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	8.75	8.75	16.	1.5	105.125	10.253	**	**	**	**
50876	VIBRIO CHOLERAE, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	16.75	16.75	32.	1.5	465.125	21.567	**	**	**	**
50877	VIBRIO DAMSELA, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50878	VIBRIO FLUVIALIS, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50879	VIBRIO HOLLISAE, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50880	VIBRIO METSCHNIKOVII, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50881	VIBRIO MIMICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50882	VIBRIO VULNIFICUS, 3-TUBE MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50883	AEROMONAS SOBRIA,MF,M-A AGAR,20 HR,35C #/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50884	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100G	04/26/90-04/26/90	1	64.	64.	64.	64.	0.	0.	**	**	**	**
50885	ECOLI,NA+MUG,4HRS,35C MPN/100G	04/26/90-04/26/90	1	40.	40.	40.	40.	0.	0.	**	**	**	**
50886	FECAL STREPTOCOCCI,KF BROTH,35C (TUBE 31676) /100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50887	STD PLATE COUNT,PLATE COUNT AGAR, 35C 48HR #/100G	04/26/90-04/26/90	1	15200.	15200.	15200.	15200.	0.	0.	**	**	**	**
50888	VIBRIO PARAHAEMOLYTICUS,3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1	32.	32.	32.	32.	0.	0.	**	**	**	**
50889	VIBRIO ALGINOLYTICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1	118.	118.	118.	118.	0.	0.	**	**	**	**
50890	VIBRIO CHOLERAE, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50891	VIBRIO DAMSELA, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50892	VIBRIO FLUVIALIS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50893	VIBRIO HOLLISAE, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50894	VIBRIO METSCHNIKOVII, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50895	VIBRIO MIMICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50896	VIBRIO VULNIFICUS, 3-TUBE WET WEIGHT MPN/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50897	AEROMONAS HYDROPHILA,MF,M-A AGAR,20HR,35CWTW#/100G	04/26/90-04/26/90	1	64.	64.	64.	64.	0.	0.	**	**	**	**
50898	AEROMONAS SOBRIA,MF,M-A AGAR,20HR,35C WETWGT#/100G	04/26/90-04/26/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50902	O,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50903	O,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50904	O,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50905	ALPHA CHLORDANE IN SHELLFISH TISSUE DRY WGT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50906	CHLORPYRIFOS(DURSBAN) IN SHELLFISH TIS DRY WTUG/KG	04/26/90-10/29/90	4 ##	1.5	3.625	10.	1.5	18.063	4.25	**	**	**	**
50907	NALED (DIBROM) IN SHELLFISH TISSUE DRY WEIGHTUG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50908	FICAM (BENDIOCARB) IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50919	STD PLATE COUNT, PLATE COUNT AGAR,35C 48HRMPN/100G	04/26/90-10/29/90	3	3400.	11033.333	28000.	1700.	216623333.333	14718.129	**	**	**	**
50920	ECOLI:EMB,SIMMONS CITRATE,INDOLE. MPN/100G	04/26/90-10/29/90	3 ##	1.5	6.333	16.	1.5	70.083	8.372	**	**	**	**
50921	VIBRIO PARAHAEMOLYTICUS,3-TUBE TIS WT SHF MPN/100G	04/26/90-10/29/90	4	16.	24.375	64.	1.5	744.563	27.287	**	**	**	**
50922	ECOLI,NA+MUG,4 HOURS,35C,COL MPN/100ML	04/26/90-10/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	2.375	5.	1.5	3.063	1.75	**	**	**	**
81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	125.	112.875	133.	68.5	892.063	29.867	**	**	**	**
81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	3.5	3.85	6.	2.4	2.863	1.692	**	**	**	**
81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	1.05	1.025	1.2	0.8	0.029	0.171	**	**	**	**
81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	04/26/90-10/29/90	4	15.2	15.375	19.3	11.8	9.842	3.137	**	**	**	**

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

Parameter Inventory for Station: DESO0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	3.625	10.	1.5	18.063	4.25	**	**	**	**
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	04/26/90-10/29/90	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
85822	MOISTURE CONTENT, TISSUE, % OF TOTAL WET WEIGHT, %	04/26/90-10/29/90	4	79.9	79.875	80.9	78.8	1.063	1.031	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DESO0069

				Total	Exceed	Prop.	----------8/01-10/19----------			----------10/20-4/30----------			----------5/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00				2	0	0.00						

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

Station Inventory for Station: DESO0070

NPS Station ID: DESO0070 LAT/LON: 27.496948/ -82.690560 Agency: 21FLMML Date Created: 04/11/98
Location: PERICO ISL - PRVT CHNL N OF SR64 BRDG MIDWAY FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/SOLIDS STORET Station ID(s): 272949082412600
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	2	0.46	0.46	0.79	0.13	0.218	0.467	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	2	0.115	0.115	0.16	0.07	0.004	0.064	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	2	0.645	0.645	1.	0.29	0.252	0.502	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	2	0.75	0.75	1.3	0.2	0.605	0.778	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	2	1040.	1040.	1050.	1030.	200.	14.142	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.006	0.006	0.01	0.003	0.	0.005	**	**	**	**
50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.006	0.006	0.01	0.003	0.	0.005	**	**	**	**
50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	1	75.1	75.1	75.1	75.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DESO0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	2	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	1	12.4	12.4	12.4	12.4	0.	0.	**	**	**	**
80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	1	82.5	82.5	82.5	82.5	0.	0.	**	**	**	**
80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	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

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

Station Inventory for Station: DESO0071

NPS Station ID: DESO0071 LAT/LON: 27.497504/ -82.691949 Agency: 21FLMML Date Created: 12/06/97
Location: ANNA MARIA SOUND PVT CHNL NE SR64 BRDG NEPWQ-6 FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 272951082413100
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	32	1.85	3.381	10.	0.7	9.	3.	0.7	0.7	6.75	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	32	21.6	23.375	32.	16.8	28.529	5.341	17.29	18.025	28.575	31.5
00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	16	27.5	35.625	100.	0.	962.917	31.031	7.	10.	62.5	93.
00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	15	5.	6.6	20.	0.	34.114	5.841	0.6	2.	10.	17.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-05/10/94	16	1.5	1.556	2.2	0.8	0.116	0.341	1.08	1.5	1.775	2.06
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	15	20.	17.7	35.	0.5	83.993	9.165	6.2	10.	20.	32.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/90-05/10/94	30	49635.	49888.333	54130.	44670.	6245524.713	2499.105	47129.	47675.	51850.	52881.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	32	6.95	6.862	9.1	3.8	1.432	1.197	5.56	6.05	7.75	8.41
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	32	95.45	96.613	120.8	59.1	180.82	13.447	81.32	89.075	107.425	111.17
00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	32	32.7	32.681	35.6	28.9	2.958	1.72	30.73	31.175	33.9	34.97
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	15	15.	14.267	30.	4.	65.495	8.093	5.2	7.	19.	29.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	15	5.	6.2	12.	3.	9.457	3.075	3.	4.	8.	12.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	14 ##	0.005	0.007	0.03	0.005	0.	0.007	0.005	0.005	0.005	0.018
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	15	0.67	0.787	2.74	0.15	0.392	0.626	0.204	0.36	0.96	1.822
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	15	0.01	0.026	0.08	0.005	0.001	0.027	0.005	0.005	0.05	0.074
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	15	0.13	0.115	0.18	0.03	0.002	0.048	0.042	0.07	0.15	0.168
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	12	22.1	23.975	31.7	18.5	18.346	4.283	18.8	20.975	28.175	31.01
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	11	1.2	1.155	2.2	0.1	0.455	0.674	0.16	0.5	1.7	2.12
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	13	5.1	6.077	14.	0.3	19.277	4.391	0.42	2.55	9.1	13.8
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	13	2.1	2.558	8.5	0.05	6.945	2.635	0.11	0.4	3.8	7.86
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	13	2.6	3.412	14.3	0.05	13.446	3.667	0.11	0.8	4.1	10.62
50785	ORTHOPHOSPHORUS AS P, WATER MG/L	11/14/90-05/10/94	14	0.055	0.066	0.12	0.03	0.001	0.029	0.03	0.048	0.085	0.115
50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	13	32900.	34780.	84300.	6240.	552748200.	23510.598	9584.	16100.	44200.	80940.
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-05/10/94	16	0.84	0.834	1.46	0.1	0.1	0.317	0.38	0.64	0.953	1.327
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	15	2.5	2.52	4.4	0.3	1.166	1.08	0.9	1.7	3.3	4.16
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	16	2.35	2.25	3.5	1.2	0.381	0.618	1.41	1.625	2.575	3.15

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

EPA Water Quality Criteria Analysis for Station: DESO0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	32	1	0.03	8	1	0.13	16	0	0.00	8	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	15	0	0.00	3	0	0.00	8	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: DESO0072

NPS Station ID: DESO0072 LAT/LON: 27.496948/ -82.691949 Agency: 21FLMML Date Created: 04/11/98
Location: PERICO ISL - PRVT CHNL N OF SR64 BRDG NR ICW FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY/SOLIDS STORET Station ID(s): 272949082413100
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03100201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03100201 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 03100206033700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: DESO0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/09/91-04/09/91	2	0.97	0.97	1.51	0.43	0.583	0.764	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/09/91-04/09/91	2	0.06	0.06	0.08	0.04	0.001	0.028	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/09/91-04/09/91	2	1.67	1.67	2.12	1.22	0.405	0.636	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/09/91-04/09/91	2	1.1	1.1	1.2	1.	0.02	0.141	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/09/91-04/09/91	2	2.9	2.9	3.3	2.5	0.32	0.566	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/09/91-04/09/91	2	2115.	2115.	2350.	1880.	110450.	332.34	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
50899	EPICOPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2	0.07	0.07	0.1	0.04	0.002	0.042	**	**	**	**
50900	COPROSTANOL FECAL STEROL, SED, DRY WEIGHT MG/KG	04/09/91-04/09/91	2 ##	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
50917	BENZO(A)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
50918	DIBENZO(A,H)ANTHRACENE DRY WEIGHT BOTTOM UG/KG	04/09/91-04/09/91	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	04/09/91-04/09/91	1	68.6	68.6	68.6	68.6	0.	0.	**	**	**	**

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

Parameter Inventory for Station: DESO0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	04/09/91-04/09/91	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/09/91-04/09/91	2	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	04/09/91-04/09/91	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/09/91-04/09/91	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/09/91-04/09/91	1	16.1	16.1	16.1	16.1	0.	0.	**	**	**	**
80252	SEDIMENT PRTCL.SIZE CLASS.125-.250MMFINESAND%DRYWT	04/09/91-04/09/91	1	76.5	76.5	76.5	76.5	0.	0.	**	**	**	**
80253	SEDIMENT PRCTL.SIZE CLASS0.25-.50MMMED SAND %DRYWT	04/09/91-04/09/91	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
80254	SEDIMENT PRCTL.SIZE CLASS0.5-2.0MMCRS SAND %DRYWT	04/09/91-04/09/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
80255	SEDIMENT PRCTL.SIZE CLASS1.0-2.0MMV-CRS SAND%DRYWT	04/09/91-04/09/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/09/91-04/09/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

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

Station Inventory for Station: DESO0073

NPS Station ID: DESO0073
LAT/LON: 27.519448/ -82.692782
Agency: 112WRD
Date Created: 11/18/75
Location: TAMPA BAY,FLA R'-14.5 HX
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 273110082413400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100201
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100201
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 03100202080600.00
RF3 Mile Point: 2.36
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/07/71-06/07/71	3	4.	4.333	8.	1.	12.333	3.512	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/71-06/07/71	2	27.85	27.85	27.9	27.8	0.005	0.071	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/07/71-06/07/71	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/71-06/07/71	1	47000.	47000.	47000.	47000.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/07/71-06/07/71	2	9.1	9.1	10.	8.2	1.62	1.273	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/07/71-06/07/71	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/07/71-06/07/71	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/07/71-06/07/71	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00677	PHOSPHORUS,HYDROLYZABLE + ORTHO,DIS,AUTOANALYZER	06/07/71-06/07/71	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	06/07/71-06/07/71	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/07/71-06/07/71	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/07/71-06/07/71	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	06/07/71-06/07/71	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	06/07/71-06/07/71	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	06/07/71-06/07/71	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/71-06/07/71	1	19300.	19300.	19300.	19300.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/71-06/07/71	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	06/07/71-06/07/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/07/71-06/07/71	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: DESO0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							2	0	0.00			

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

Station Inventory for Station: DESO0074

NPS Station ID: DESO0074
LAT/LON: 27.518892/ -82.696948
Agency: 21FLMML
Date Created: 12/06/97
Location: ANNA MARIA SOUND ICW #61 NEPWQ-3
FIPS State/County: 12081 FLORIDA/MANATEE
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 273108082414900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03100201
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03100201
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 03100206033700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: DESO0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/08/90-05/10/94	32	2.85	4.1	9.	0.7	12.385	3.519	0.7	0.7	7.75	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/90-05/10/94	32	21.55	23.494	31.8	16.5	28.592	5.347	17.04	19.	28.75	31.3
00032	CLOUD COVER (PERCENT)	08/08/90-05/10/94	16	22.5	36.813	100.	0.	1251.229	35.373	3.5	10.	72.5	99.3
00035	WIND VELOCITY (MILES PER HOUR)	08/08/90-05/10/94	16	5.	6.406	20.	0.	32.507	5.702	0.	2.625	8.75	16.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/90-05/10/94	16	2.	2.006	3.	1.2	0.277	0.526	1.2	1.5	2.5	2.65
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/90-05/10/94	16	15.	16.563	30.	5.	62.396	7.899	8.5	10.	20.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/90-05/10/94	30	48355.	48951.	53710.	40980.	11331223.103	3366.188	45068.	45890.	52077.5	53155.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/90-05/10/94	32	7.1	6.747	8.2	4.4	1.095	1.047	5.	5.85	7.575	7.84
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/08/90-05/10/94	32	95.55	94.353	107.2	68.6	85.855	9.266	81.61	89.7	101.875	104.19
00480	SALINITY - PARTS PER THOUSAND	08/08/90-05/10/94	32	31.3	31.775	35.4	26.3	6.073	2.464	28.59	29.7	33.8	35.07
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/90-05/10/94	16	11.	13.25	27.	4.	58.6	7.655	4.7	6.25	21.25	24.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/90-05/10/94	16	3.5	4.813	12.	2.	7.229	2.689	2.7	3.	6.	9.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/08/90-05/10/94	15 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.02
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/08/90-05/10/94	16	0.49	0.488	0.88	0.13	0.047	0.218	0.193	0.303	0.655	0.817
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/08/90-05/10/94	16	0.02	0.031	0.1	0.005	0.001	0.031	0.005	0.005	0.05	0.093
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/90-05/10/94	15	0.14	0.131	0.21	0.06	0.002	0.043	0.066	0.1	0.15	0.198
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/08/90-05/04/93	12	23.65	24.708	32.5	19.1	16.637	4.079	19.52	21.625	28.25	31.66
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/08/90-05/04/93	12	0.8	0.975	2.1	0.3	0.366	0.605	0.3	0.5	1.575	1.98
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	14	4.	7.579	50.1	0.05	166.309	12.896	0.05	0.475	6.75	32.75
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	14	3.05	9.139	76.4	0.05	403.454	20.086	0.05	0.163	5.3	48.6
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/08/90-11/02/93	14	3.2	13.096	113.	0.05	897.58	29.96	0.05	0.163	8.65	72.35
50785	ORTHOPHOSPHORUS AS P, WATER MG/L	08/08/90-05/10/94	16	0.075	0.118	0.73	0.005	0.028	0.167	0.03	0.053	0.118	0.324
50913	PARTICLE COUNT, GREATER THAN 5 MICRON #/L	08/08/90-08/03/93	13	17400.	17925.385	32500.	9230.	46593376.923	6825.934	9618.	10800.	22750.	29500.
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/90-05/10/94	15	0.65	0.767	1.62	0.28	0.116	0.34	0.364	0.58	0.96	1.386
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/90-05/10/94	16	2.55	2.75	5.1	0.6	1.901	1.379	0.81	1.6	4.125	4.75
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/08/90-05/10/94	16	2.9	2.781	3.2	2.	0.11	0.331	2.35	2.5	3.	3.2

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

EPA Water Quality Criteria Analysis for Station: DESO0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	32	0	0.00	8	0	0.00	16	0	0.00	8	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	16	0	0.00	4	0	0.00	8	0	0.00	4	0	0.00			

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

EPA Water Quality Criteria Analysis for Entire DESO Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/19 Obs	8/01-10/19 Exceed	8/01-10/19 Prop.	10/20-4/30 Obs	10/20-4/30 Exceed	10/20-4/30 Prop.	5/01-7/31 Obs	5/01-7/31 Exceed	5/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	444	1	0.00	103	1	0.01	227	0	0.00	114	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2623	79	0.03	562	41	0.07	1270	2	0.00	791	36	0.05			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	449	18	0.04	103	7	0.07	230	3	0.01	116	8	0.07			
00400	PH	Fresh Chronic	9.	979	2	0.00	186	1	0.01	547	0	0.00	246	1	0.00			
		Marine Chronic	8.5	1931	348	0.18	427	93	0.22	956	174	0.18	548	81	0.15			
		Other-Lo Lim.	6.5	2910	9	0.00	613	0	0.00	1503	3	0.00	794	6	0.01			
00403	PH, LAB	Fresh Chronic	9.	31	0	0.00	10	0	0.00	19	0	0.00	2	0	0.00			
		Marine Chronic	8.5	850	17	0.02	182	10	0.05	438	1	0.00	230	6	0.03			
		Other-Lo Lim.	6.5	881	1	0.00	192	1	0.01	457	0	0.00	232	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	140	0	0.00	31	0	0.00	75	0	0.00	34	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	332	332	1.00	78	78	1.00	172	172	1.00	82	82	1.00			
		Drinking Water	250.	332	332	1.00	78	78	1.00	172	172	1.00	82	82	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	159	6	0.04	35	1	0.03	84	3	0.04	40	2	0.05			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	169	1	0.01	41	0	0.00	87	0	0.00	41	1	0.02			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	1	0	0.00							1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Marine Acute	1100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	2	1	0.50	1	1	1.00				1	0	0.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	2	0	0.00	1	0	0.00				1	0	0.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	2	0	0.00	1	0	0.00				1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	23	0	0.00	6	0	0.00	16	0	0.00	1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1621	379	0.23	348	82	0.24	872	216	0.25	401	81	0.20			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	509	117	0.23	107	26	0.24	272	66	0.24	130	25	0.19			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1412	407	0.29	288	89	0.31	774	231	0.30	350	87	0.25			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	1	0.14	3	1	0.33	3	0	0.00	1	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	96	0	0.00	27	0	0.00	47	0	0.00	22	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1412	38	0.03	291	5	0.02	758	33	0.04	363	0	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 DESO 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 DESO Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	131	5	125	1	7
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1	0	0	1	1
		132	5	125	2	8 (8)[1]

pH		Total Obs.	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	2910	622	1834	454	42
00403	PH, LAB (STANDARD UNITS)	881	870	5	6	19
		3791	1492	1839	460	61 (50)[1]

Conductivity		Total Obs.	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	405	405	0	0	19
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	504	262	179	63	18
00480	SALINITY - PARTS PER THOUSAND	845	448	180	217	29
		1754	1115	359	280	66 (42)[1]

Dissolved Oxygen		Total Obs.	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	2623	1678	945	0	42
00300	OXYGEN, DISSOLVED (MG/L)	449	52	179	218	9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	239	239	0	0	8
		3311	1969	1124	218	59 (51)[1]

Water Temperature		Total Obs.	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	4412	2044	1903	465	61
		4412	2044	1903	465	61 (61)[1]

Flow		Total Obs.	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00067	TIDE STAGE CODE	875	875	0	0	8
		875	875	0	0	8 (8)[1]

Clarity/Turbidity		Total Obs.	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	444	52	179	213	11
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	5	5	0	0	1
00078	TRANSPARENCY, SECCHI DISC (METERS)	618	463	155	0	34
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	536	536	0	0	27
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	1412	1412	0	0	34
		3015	2468	334	213	107 (53)[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.

Nitrate/Nitrogen		Total Obs.	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	223	0	219	4	11
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	2	0	0	2	2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	9	0	0	9	6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	715	487	218	10	41
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	412	403	0	9	24
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	185	52	99	34	9
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	515	510	0	5	32
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	356	137	219	0	16
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	403	403	0	0	18
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	9	0	0	9	6
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	119	0	78	41	3
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	9	0	0	9	6
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	9	0	0	9	6
		2966	1992	833	141	180 (44)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	2	0	0	2	2
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	171	0	78	93	3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	289	284	0	5	27
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	4	0	0	4	4
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	219	0	219	0	7
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	219	219	0	0	5
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	257	52	100	105	4
		1161	555	397	209	52 (43)[1]

Chlorophyll		Total Obs.	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	624	480	144	0	33
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	224	5	219	0	8
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	60	60	0	0	5
		908	545	363	0	46 (34)[1]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	419	49	174	196	3
00945	SULFATE, TOTAL (MG/L AS SO4)	2	2	0	0	1
		421	51	174	196	4 (4)[1]

Bacteria		Total Obs.	01/01/85 to 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	23	21	0	2	7
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	1622	221	768	633	14
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	509	0	82	427	10
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	1415	215	773	427	11
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	7	5	1	1	3
		3576	462	1624	1490	45 (22)[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 11/16/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations	
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	0	0	1	1	
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	0	0	1	1	
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	1	0	0	1	1	
01040	COPPER, DISSOLVED (UG/L AS CU)	2	0	0	2	2	
01049	LEAD, DISSOLVED (UG/L AS PB)	2	0	0	2	2	
71900	MERCURY, TOTAL (UG/L AS HG)	1	0	0	1	1	
01090	ZINC, DISSOLVED (UG/L AS ZN)	2	0	0	2	2	
		10	0	0	10	10	(2)[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	132	5	3.8	8	10.8	16.5	12/14/71-12/30/92	6.3
pH	3791	1492	39.4	50	67.6	75.8	01/25/67-11/16/98	119.2
Conductivity	1754	1115	63.6	42	56.8	41.8	12/12/66-11/16/98	54.9
Dissolved Oxygen	3311	1969	59.5	51	68.9	64.9	01/25/67-11/16/98	104.1
Water Temperature	4412	2044	46.3	61	82.4	72.3	01/25/67-11/16/98	138.7
Flow	875	875	100.0	8	10.8	109.4	01/04/90-06/25/98	103.3
Clarity/Turbidity	3015	2468	81.9	53	71.6	56.9	02/28/67-11/16/98	95.1
Nitrate/Nitrogen	2966	1992	67.2	44	59.5	67.4	05/03/67-11/16/98	94.0
Phosphate/Phosphorus	1161	555	47.8	43	58.1	27.0	12/12/66-11/16/98	36.4
Chlorophyll	908	545	60.0	34	45.9	26.7	05/25/83-11/16/98	58.6
Sulfates/Total Dissolved Solids/Hardness	421	51	12.1	4	5.4	105.3	02/28/67-12/30/92	16.3
Bacteria	3576	462	12.9	22	29.7	162.5	01/02/67-12/30/92	137.6
Toxic Elements	10	0	0.0	2	2.7	5.0	06/01/71-10/18/71	10.0[!]

[!]Period of record for this parameter group was less than one year. Value shown is the total observations.

Water Quality Observations
Outside STORET Edit Criteria for DESO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670228	0915	5950.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670503	1015	6220.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670531	0815	7000.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670627	0915	6700.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670725	0815	6870.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670822	0915	5400.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680130	0945	6200.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680227	0900	6200.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680514	0900	6516.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	681211	1300	5298.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690211	1040	5181.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690521	0945	5442.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690603	0945	5785.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690703	0915	5634.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690903	0845	5050.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	691103	0915	5131.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	691203	1030	5825.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700105	0910	5392.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700207	0920	5080.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700903	0900	6683.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	701203	0900	5643.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710302	1155	5663.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710602	1015	5882.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	720328	0915	6050.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	721203	0900	5320.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730307	0945	5429.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730601	1125	5537.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	731205	1055	5083.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	740305	1140	5478.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	740605	1030	5725.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	741203	0945	5527.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	750305	1030	5258.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	760303	1020	5832.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	760608	0900	5067.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770308	1050	7267.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770607	0950	7463.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	790606	1300	5100.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	801203	1125	5450.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	810603	1209	6400.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	811202	0922	5800.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820311	1130	5650.0000000	21FLA	24010260	

Water Quality Observations
Outside STORET Edit Criteria for DESO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820602	1114	5750.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820901	1005	5450.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	830601	1005	5850.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	831207	1015	7100.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	840905	1300	6000.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850306	1030	6000.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850605	1012	8200.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850918	0840	6400.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	851205	0820	6500.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860305	0835	6200.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860618	0810	7000.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	861203	1225	6800.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870610	1053	5700.0000000	21FLA	24010260	
DESO0014	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870916	1102	6500.0000000	21FLA	24010260	
DESO0014	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	701203	0900	16.9000000	21FLA	24010260	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670228	0930	5800.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670503	1030	6380.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670531	0830	7020.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670627	0930	6210.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670725	0830	5500.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670926	0900	5740.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	671024	0930	5020.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	671227	1045	6550.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680130	1000	6300.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680227	0915	6300.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680416	0900	6598.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680514	0915	6577.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	681023	0900	5796.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	681211	1315	5369.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690211	1100	5141.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690311	1145	5573.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690603	1000	5976.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690703	0930	5090.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	691203	1045	6710.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700105	0920	5030.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700207	0930	5171.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700503	0945	6409.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700603	1030	5423.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700703	1030	6015.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700803	1100	5445.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700903	0915	6633.0000000	21FLA	24010340	

Water Quality Observations
Outside STORET Edit Criteria for DESO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	701003	0945	5841.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	701103	0900	5841.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	701203	0915	6188.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710105	1100	5990.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710202	1100	6059.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710302	0830	5950.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710401	1030	6281.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710504	0835	5633.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710601	0820	5484.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710719	0925	5534.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710803	1045	5085.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	711102	1150	5087.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	720328	0930	5950.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	720608	1125	5076.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	720705	1035	5245.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	721101	0930	5114.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	721203	0915	5478.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730404	0900	5419.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730501	1010	5379.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730601	0945	5320.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730705	0930	5754.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730807	1345	5330.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730906	1115	5231.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	731101	0925	5053.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	740102	1215	5231.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	740205	1350	5330.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	740305	1110	5330.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	740403	1120	5823.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	740509	1045	6021.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	740605	1005	5725.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	741106	0945	5034.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	741203	1000	5132.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	750507	1010	5067.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	750604	1200	5449.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	750806	1000	5162.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	760107	1015	5449.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	760707	0930	5449.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	760804	1025	5640.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	761207	1005	5162.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770111	1135	7744.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770210	1010	5736.0000000	21FLA	24010340	

Water Quality Observations
Outside STORET Edit Criteria for DESO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770308	0940	5990.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770405	1000	7463.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770504	1030	7365.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770607	1030	7267.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770706	1015	6285.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770803	1045	5597.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770907	1015	5008.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	771012	0945	5499.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	771102	0830	5401.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	780405	0940	5400.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	781205	0815	5100.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	790404	1010	5300.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	800109	0915	5470.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	800903	1415	5850.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	801105	1125	5800.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	801203	1305	5450.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	810107	1025	5650.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	810204	1330	5550.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	810304	0956	5400.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	810401	0950	5650.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	810506	1115	6000.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	810603	0949	6350.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	810701	1003	6200.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	810805	0952	5700.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	811007	1213	5650.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	811104	1140	6000.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	811202	1247	5750.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820106	0938	6100.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820203	1112	5800.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820311	1010	5900.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820407	0910	5450.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820505	1200	5550.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820602	1240	6100.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820804	1314	5050.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	821103	1430	5650.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	830202	1220	5400.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	830504	1200	5700.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	830601	1200	6600.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	830713	1120	7500.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	830803	1230	5900.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	830907	1155	5400.0000000	21FLA	24010340	

Water Quality Observations
Outside STORET Edit Criteria for DESO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	831005	1126	5700.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	831102	0920	5900.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	840104	1237	5100.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	840201	1155	5900.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	840404	1200	5850.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	840502	1150	5600.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	840711	0945	6300.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	840808	0915	6200.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	840905	1130	7000.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850102	1100	7700.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850206	1110	7700.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850306	1110	6400.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850403	1050	6900.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850605	1124	8700.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850710	1117	7600.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850807	1415	7200.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850918	1115	6300.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	851002	1011	7100.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	851106	1010	7800.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	851204	1055	8000.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860108	1040	7200.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860205	1105	6400.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860305	1220	6400.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860402	1220	6300.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860507	1105	6700.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860618	1045	6700.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860702	1110	7200.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	861016	1003	7000.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	861105	1146	6000.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	861203	1107	6400.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870107	1156	6000.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870211	1002	6000.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870506	1214	5300.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870610	0907	5200.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870805	1125	6500.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	871007	0932	5500.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	871104	0949	6400.0000000	21FLA	24010340	
DESO0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	871202	0954	5500.0000000	21FLA	24010340	
DESO0034	00940	CHLORIDE,TOTAL IN WATER MG/L	670531	0830	2100.0000000	21FLA	24010340	
DESO0034	00940	CHLORIDE,TOTAL IN WATER MG/L	761117	1200	2490.0000000	21FLA	24010340	
DESO0041	00400	PH (STANDARD UNITS)	721203	1015	35.0000000	21FLA	24010322	X

Water Quality Observations
Outside STORET Edit Criteria for DESO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670302	1045	6300.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670331	1045	6500.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670505	1130	6950.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670602	0945	6800.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670628	1045	6890.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670824	1045	7900.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	670928	1015	6600.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	671027	1045	6310.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	671201	0930	6090.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	671229	1200	6830.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680201	1100	6600.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680229	1030	5400.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680322	1000	6729.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680418	1145	7034.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680515	1030	7156.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680620	1315	6384.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680815	1045	5511.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680904	1015	5126.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	681024	1015	5917.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	681120	1015	6019.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	681212	0815	6009.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690103	1145	5471.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690213	0845	5976.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690311	1300	6046.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690409	0945	5734.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690522	0845	5825.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690604	1315	6841.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690703	1045	6549.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690903	1000	5825.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	691003	1145	5473.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	691103	1045	6438.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	691203	1200	6559.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700105	1030	6026.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700207	1010	6086.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700603	1130	5522.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	700903	1015	6930.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	701203	1015	6296.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710302	0820	6178.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710602	0805	6381.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	710902	1015	5085.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	720608	1030	5640.0000000	21FLA	24010322	

Water Quality Observations
Outside STORET Edit Criteria for DESO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	721203	1015	5833.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730301	0820	6514.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730601	1005	5646.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730906	1125	5379.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	731205	1035	5823.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	740305	1130	5823.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	740605	1020	6712.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	740903	0935	5231.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	741203	1345	5428.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	750604	0935	6118.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	760303	1020	5449.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	760608	0955	5354.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770308	0955	6088.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770607	1015	8347.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	770907	1000	5303.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	771207	0915	5303.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	780906	0945	6100.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	781205	0900	5400.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	790606	1010	5600.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	800903	1400	6100.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	801203	1255	5950.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	810304	1015	5850.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	810603	0940	6700.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	811202	1237	6200.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820311	1030	6350.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820602	1300	6450.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	820901	1125	5550.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	830601	1220	6650.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	830907	1210	6000.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	831207	1107	6800.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	840905	1140	7000.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850306	1130	6600.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850605	1136	8900.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850918	1135	7900.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	851204	1115	7900.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860305	1335	6100.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860618	1030	6800.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	861203	1158	7800.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870610	0920	5500.0000000	21FLA	24010322	
DESO0041	00900	HARDNESS, TOTAL (MG/L AS CACO3)	871202	1006	6800.0000000	21FLA	24010322	
DESO0041	00940	CHLORIDE,TOTAL IN WATER MG/L	670602	0945	2300.0000000	21FLA	24010322	

Water Quality Observations
Outside STORET Edit Criteria for DESO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
DESO0041	00940	CHLORIDE,TOTAL IN WATER MG/L	710602	0805	3710.0000000	21FLA	24010322	
DESO0041	00940	CHLORIDE,TOTAL IN WATER MG/L	731205	1035	2200.0000000	21FLA	24010322	

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) DESOTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) DESOSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) DESOAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) DESOAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) DESOOV0.DOC - Overview of park and retrieved data.

(e) DESOOV1.DOC - Station period of record table.

(f) DESOOV2.DOC - Parameter period of record table.

(g) DESOOV3.DOC - Station/parameter period of record table.

(h) DESOINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) DESOSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) DESOEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) DESOIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) DESOBAD.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 DESOOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\DESOOV1.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) DESOFIGS.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 DESO0001. 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 DESO0001) 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) DESOPARM.ZIP

This file compresses DESOPARM.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) DESOSITE.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) DESOWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) DESOIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) DESODRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) DESOGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) DESODAMS.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) DESOMISC.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) DESOEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) DESOTOC.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) DESOREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) DESOWQ - 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 (DESOWQA, DESOWQB, DESOWQC, etc.) and the index map name will end with an ampersand (&).

(g) DESOIDG - 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 (DESOIDGA, DESOIDGB, DESOIDGC, 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) DESOSEHY - 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 DESOFIGS.ZIP and DESOTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in DESOMISC.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) DESORF3.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) DESOWQMW.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: DESOPARM.DBF in DESOPARM.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: DESOPARM.DBF in DESOPARM.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: DESOPARM.DBF in DESOPARM.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: DESOWQ.DBF in DESOSITE.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: DESOWQ.DBF in DESOSITE.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: DESOIFD.DBF in DESOSITE.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: DESOIFD.DBF in DESOSITE.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: DESOIFD.DBF in DESOSITE.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: DESODRIN.DBF in DESOSITE.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: DESODRIN.DBF in DESOSITE.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: DESODRIN.DBF in DESOSITE.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: DESOGAGE.DBF in DESOSITE.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: DESOGAGE.DBF in DESOSITE.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: DESODAMS.DBF in DESOSITE.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: DESODAMS.DBF in DESOSITE.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: DESODAMS.DBF in DESOSITE.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: DESODAMS.DBF in DESOSITE.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 DESORF3.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 DESORF3.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 DESORF3.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 DESORF3.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 DESORF3.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 DESORF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20c			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20c			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20c			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020c			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20c			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[l]	TURBIDITY, FIELD	NTU	Physical
	82079				50[l]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
7440382	82702	360	50	69		ARSENIC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440393	82703		2			BARIUM, FIELD ACIDIFIED, DECANTED, WATER	MG/L	Metal
7440417	82704	130*	4.0			BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440439	82705	3.9+	5.0	43		CADMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440473	82706		100			CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440508	82708	18+	1300[a]	2.9		COPPER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439921	82711	82+	15[a]	220		LEAD, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439976	82713	2.4	2.0	2.1		MERCURY, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440020	82715	1400+	100	75		NICKEL, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440224	82716	4.1+	100[s]	0.12		SILVER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440666	82719	120+	5000[s]	95		ZINC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal

Footnote Key:

*Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

+Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

***pH Dependent Criteria (7.8 pH Used).

=Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

^Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

#EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

!Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
STORET Code	**Conductivity Parameter Group**	**C.A.S. Number**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
STORET Code	**Dissolved Oxygen Parameter Group**	**C.A.S. Number**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
STORET Code	**pH Parameter Group**	**C.A.S. Number**
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (µEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

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34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440382
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440417
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440439
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440473
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440508
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439921
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439976
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440020
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440224
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440666
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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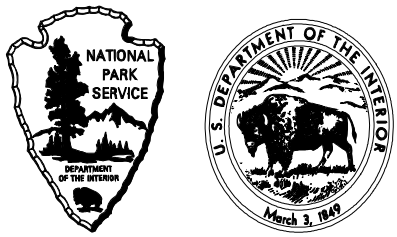
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